The Maritime Alps

Naturetrek Tour Report

11 – 18 June 2017



Musky Saxifrage

Report and images by Jessica Turner



Tour paticipants:

Jessica Turner (leader) with four Naturetrek clients

Summary

This was the third time that Naturetrek had visited the Maritime Alps on the borders of Italy and France, an area of very diverse flora, where the Mediterranean influence combines with the alpine to give an amazing array of flowers. The early summer had been hot and dry so some of the spring flowers were over, but we still managed to find good examples of Marginate and Viscid Primroses in shady spots, and the carpets of Vanilla Orchids *Gymndenia corneliana*, St. Bernard's Lilies and Gentians, and being able to find aromatic herbs such as English Lavender in the mountains, growing with species such as Alpine Aster, was a delight. With the stunning scenery, two characterful and welcoming hotels, and good company, it all made for a most enjoyable week.

Day 1

Sunday 11th June

Nice to Entracque, via the Roya Valley

Four group members travelled to Nice Airport where they met Jessica, who had just led another trip, so had flown in from Venice. We sorted the vehicle, loaded up, and were soon heading east along the Cote D'Azur, enjoying the scenery and the blue of the Mediterranean in the afternoon sun. We crossed into Italy, briefly, leaving the autostrada at Ventimiglia to head up the Roya valley, soon returning to France. This deeply incised valley with high rocky cliffs is most impressive.

We stopped on a section of the old road at Saorge, where we looked at some of the plants of the cliffs, many of which were past their prime: a result of recent hot weather. We found *Campanula macrorrhiza* and endemic relative of Harebell, the endemic Fragrant Stonecrop (*Sedum fragrans*), Spoon-leaved Saxifrage (*Saxifraga cuneifolia*), Wood Pink (*Dianthus sylvestris*) and a Curry Plant *Helichrysum saxatile*. The sculptural umbellifer *Laserpitium gallicum* was flowering well, and Maidenhair Fern (*Adiantum capillus-veneris*) was growing in a shady cave. A female Chequered Blue butterfly was nectaring, and a Crag Martin flew overhead. We soon moved on, continuing our journey up the valley to the Tenda Tunnel, where we were fortunate in not having to wait. On the Italian side, we drove down the long valley towards Cuneo, turning off into the Gesso valley, and so to Entracque and the Hotel Miramonti, our base for the first four nights. We received a warm welcome and soon settled in to our rooms. As the hotel does not provide dinner at this time of year, we went out to a restaurant, an old mill on the other side of the town, where we enjoyed a meal of local dishes. We then retired to bed after a long day.

Day 2

Monday 12th June

Le Gorge della Reina

Today we woke to a warm but hazy morning, and we decided to walk from the hotel. After a good breakfast, and with the makings of a picnic, we set out a short distance up the road, turning off and onto a grassy track through a meadow. Immediately we were struck by the numbers of flowers and butterflies. Perennial Lettuce (*Lactuca perennis*), with its blue flowers, yellow Hay Rattle (*Rhinanthus minor agg.*), white St. Bernard's Lily (*Anthericaum lilago*), and the bright magenta cones of Pyramidal Orchids (*Anacamptis pyramidalis*) all made an initial impact.

There were also spikes of Late Spider Orchid (*Ophrys fuciflora*), Man Orchid (*Orchis anthropophora*), Twayblade (*Neottia ovata*) white Rock-rose (*Helianthemum apenninum*) and the large-flowered, yellow Rock-rose (*H. nummularium* subsp. grandiflorum), and Thyme Broomrape (*Orobanche alba*) growing on Wild Thyme (*Thymus vulgaris*). Among the butterflies and moths, we noted Common and Silver-studded Blues, Wood White, Heath and High Brown Fritillaries, Great Banded Grayling, which obligingly perched on a tree trunk, and Nine-spotted, Chimney Sweeper and Burnet moths.

We climbed steadily, passing into shady woodland of Spruce (*Picea abies*), Larch (*Larix decidua*) and Scots Pine (*Pinus* sylvestris), where we found White Helleborine (*Cephalanthera damasonium*) and Greater Butterfly Orchids (*Platanthera chlorantha*), and Red-necked Footman moth. Birds included Coal Tit, Chiffchaff, Bonelli's Warbler and Jay. It was a hot climb, zig-zagging up the steep hill, but eventually we reached the top of the saddle of Colletta della Lausa, emerging into another meadow, with stunning, if hazy, views - a patch of white in the sky revealed itself to be snow on a mountain peak, but the mountain was hardly visible! After a rest, we continued to explore the meadows and follow the path down the hill. Plants included Purple Lychnis (*Silene flos-jonis*), Toothed Orchid (*Neotinea tridentata*), the endemic Scabious *Knautia mollis*, the small-flowered rock-rose *Helianthemum oelandicum* subsp. italicum, more *Laserpitium gallicum*, and carpets of St. Bernard's Lilies. Enormous numbers of butterflies were gathering in damp places and on animal scats, especially Little Blue, Common Blue, Adonis Blue and Heath Fritillary, and Swallowtail, Scarce Swallowtail and Black-veined White were among the others noted. We had our picnic at the deserted hamlet of Tetto Stramondin, where we were joined by a children's group who were out walking.

Refreshed after our meal, which included cheeses made in Entracque, we made our way across to the Gorge della Reina. This year, with no snow and little water, we were able to explore the depths of this dramatic, narrow limestone gorge. We admired the Thick-leaved Saxifrage (*Saxifraga callosa*) that was hanging in profusion from the sheer cliffs, and also found Yellow Wood Violet (*Viola biflora*), Dark Columbine (*Aquilegia atrata*), and the leaves of Wolf's-bane (*Aconitum lycoctonum* subsp. vulparia). Sadly, all the primulas were well over, but we could see the basal rosettes of Marginate Primrose (*Primula marginata*). After a rest in the cool of a Beech wood, we made our way back down towards Entracque, finding en route a Military Orchid (*Orchis militaris*) that was not yet over (we'd seen the remains of many) and Red Helleborine (*Cephalanthera rubra*). The path emerged onto the road a short distance up from the hotel, so we were soon back for cool drinks after a most enjoyable, if hot and at times strenuous, walk.

Day 3

Tuesday 13th June

Colle di Tenda

We woke to another fine morning with the promise of another hot day. After a good breakfast and with picnic makings bought, we set out to return to the Colle di Tenda, on the boundary between Italy and France, through which we had passed on Sunday evening. This morning, just past Limone Piemonte, we took the minor road to Panice Soprana, and the zig-zag but well-graded road up the mountainside. We started to see the beautiful dark-pink clumps of Alpenrose (*Rhododendron ferrugineum*) just coming into flower, and the white Aconite-leaved Buttercup (*Ranunculus aconitifolium*). We continued to climb to the parking area at the top of the road, at 1,795 metres, from where we set off to walk to the top of the Col and the French border at 1,870 metres. At once, we

were finding Long-spurred Pansies (*Viola calcarata* agg.), Alpine Clover (*Trifolium alpinum*) and Frog Orchids (*Dactylorhiza viridis*). We soon found Spring Gentian (*Gentiana verna*), Alpine Bird's-foot Trefoil (*Lotus alpinus*), Matted and Creeping Globularia (*Globularia cordifolia* and *G. repens*), Perennial Candytuft (*Iberis sempervirens*) and Dwarf Buckthorn (*Rhamnus pumilus*). Amongst the taller plants were Arnica (*Arnica montana*), Chamois Ragwort (*Senecio doronicum*), Narcissus Anemone (*Anemone narcissiflora*), and Green False-helleborine (*Veratrum lobelianum*). Where snow had recently melted we found Alpine Snowbells (*Soldanella alpina*), Oxlips (*Primula elatior*), the lemon and the magenta forms of Elder-flowered Orchids (*Dactylorhiza sambucina*) and Alpine Coltsfoot (*Homogyne alpina*). A fledegling Black Redstart was on a rock just above us, with the parent bird nearby. The hill slopes beneath us looked beautiful with sheets of Alpenrose and Narcissus Anemone.

We took the path towards Forte Centrale, continuing to search the rocks. In a shady crevice we found some Marginate Primrose (*Primula marginata*) still in flower, while Mountain Avens (*Dryas octopetala*) was flowering well on sunny boulders, alongside Dwarf Juniper (*Juniperus communis* var. saxatilis). A quarry area held, amongst other species, Musky Saxifrage (*Saxifraga exarata* subsp. moschata), an endemic Treacle-mustard (*Erysimum jugicola*), and Italian Rockrose (*Helianthemum oelandicum* subsp. *italicum*). The ruined 19th century fort dominates the pass, but the grassy area beyond it provided a picnic site with stunning views, and both Alpine and Red-billed Choughs. We took the path on the south face, the Via del Sale (the Way of the Salt – a reference to a former trading route), finding Southern Butterwort (*Pinguicula leptoceras*), Alpine Bartsia (*Bartsia alpina*), Dwarf Hairy Broom (*Cytisus hirsutus* subsp. *pumilus*), the yellow Toadflax *Linaria supina*, and the purple Viscid Primrose (*Primula latifolia*). Two large birds calling loudly overhead as they interacted with each other were Short-toed Eagles. We eventually retraced our steps, taking a different path back to the vehicle. On the more densely vegetated banks, we found Sweet Spurge (*Euphorbia dulcis*), leaves of Masterwort (*Peucedanum ostruthium*), more Green False-helleborine (*Veratrum lobelianum*) and Streptopus (*Streptopus amplexifolius*) with its little, bell-like, hanging flowers.

As we started our descent to Limone, we stopped to look at an early attempt at a tunnel through the mountain (in fact three attempts, from 17th – 19th centuries, now known as Napoleon's Gallery). Clouded Apollos were on the wing. We noted the massive drop in temperature as we entered the tunnel, and mist emerging from it. Limestone Fern (*Gymnocarpium robertianum*), Alpine Basil Thyme (*Clinopodium alpinum*) and the remains of Marginate Primrose were round the tunnel mouth. As the bar at the car park was closed on Tuesdays, we stopped at one in Limonetto for much-needed cool drinks, before returning to Entracque. We enjoyed another meal on the restaurant terrace after another excellent day.

Day 4

Wednesday 14th June

Palanfrè; Grotte del Bandito

With another sunny morning, we set off to drive to the remote hamlet of Palanfrè, beyond Vernante, our starting point for the day's walk. A beautiful drive up a wooded valley led to the parking area, just below the cluster of houses and farms. We set off, noting Wood and Dusky Crane's-bills (*Geranium sylvaticum* and *G. phaeum*) and Sweet Cicely (*Myrrhis odorata*). By the buildings we found *Pilosella cymosa*, with its clustered flower-head, and a little further on, Dark and Betony-leaved Rampions (*Phyteuma ovatum* and *P. betonicifolium*). The path left the road and continued through an area of Beech wood (*Fagus sylvatica*) where we found the leaves of Asarabacca (*Asarum*

europaeum). By a stream we found Angelica (Angelica sylvestris), Dark Columbine (Aquilegia atrata), while a damp area contained good patches of Southern Butterwort (Pinguicula leptoceras) and Common Spotted Orchids (Dactylorhiza fuchsii). Where it was drier we added Large Yellow Foxglove (Digitalis grandiflora), Heartsease (Viola tricolor subsp. subalpina), Round-headed Rampion (Phyteuma orbiculare), Fragrant Orchids (Gymnadenia conopsea agg.), and Painted Pink (Dianthus furcatus). We also noted Laburnum (Laburnum anagyroides) and Whitebeam (Sorbus aria agg.). The path started to climb into another area of Beech wood, where we found several spikes of Coralroot Orchid (Corallorhiza trifida). Back in the open, we enjoyed Narcissus Anemone (Anemone narcissiflora), Round-headed Orchids (Traunsteinera globosa) and the fluffy seed heads of Alpine Pasque Flower (Anemone alpina). Butterflies this morning included numerous Clouded Apollos, Swallowtail, Dark-veined (also known as Mountain Green-veined) White, Wood White, Duke of Burgundy and Heath Fritillaries, Grizzled and Large Skippers, and Common, Adonis, Mazarine and Little Blues.

The path dropped towards the stream which, this year, was completely dry at this spot, as we passed a good stand of Southern Butterwort (*Pinguicula leptoceras*) and a clump of Leopard's-bane (*Doronicum pardalianches*). We crossed and stopped to have our picnic, enjoying a series of convenient boulders. A Bonelli's Warbler was singing and showed well. A Marmot's alarm call alerted us to its presence quite close, and then a Fox was seen close by – probably the cause of the call. We walked on up the stream, which now contained quite a flow of water, finding yellow Rhaetian Poppy (*Papaver aurantiacum*, now grouped into *Papaver alpinum*) on the loose stones of the bank. We became aware that the valley behind us was starting to look murky, so we decided to retrace our steps, following the path on the north-west side. A rocky knoll held a plant of Narcissus-flowered Onion, with one pink, bell-like flower open. As we continued, the sky became darker and the rain came. We donned our waterproofs and walked on, through a short but heavy thunderstorm, which eased as we entered the Beech wood. We stopped for refreshments at the Rifugio L'Albergh, already starting to dry out. (The name of the valley, Vallone degli Alberghi, is a corruption of Arbergh, meaning 'last pasture', rather than 'hotels'!)

We then drove down into the Gesso Valley to explore the Grotte del Bandito. A wooded path along the river led to exposed limestone rock faces. Amongst the plants here we found Lesser London Pride (*Saxifraga cuneifolia*) and Fragrant Stonecrop (*Sedum fragrans*) with some remaining flowers. An Orange Lily (*Lilium bulbiferum* subsp. *croceum*) was in fine flower, but rather high for photographs. Other plants included the Treacle-mustard *Erysimum hieracifolium*, Tufted Catchfly (*Silene saxifraga*), and Spreading and Nettle-leaved Bellflowers (*Campanula patula* and C. trachelium). We returned to the hotel, and after a break, met to go through the checklists before heading out, this time to the Realpark restaurant, for another tasty meal.

Day 5

Thursday 15th June

Entracque to Saint-Martin-Vesubie, via Vinadio, Sant' Anna and the Colle della Lombarda

Today we moved on to our second base for the trip. We packed up and said our thanks and farewells to Giuseppina at the Hotel Miramonti and, leaving Entracque, we took the minor road towards Demonte, climbing over the shoulder past the church of the Madonna de la Colletta to reach the Stura valley. We kept to the minor road along the valley floor and stopped for a break in Vinadio. We then took the road up the Valle Sant'Anna, climbing towards the Sanctuario, at 2,010 metres, but stopping when we saw some fine Orange Lilies (*Lilium*)

bulbiferum subsp. *croceum*) growing near a convenient lay-by. An Apollo butterfly was new here, and a Scarce Copper was nectaring on Purple Lychnis (*Silene flos-jovis*).

Having parked at the Sanctuary, we took a small path above the buildings, finding the endemic bedstraw *Galium tendae*, Cobweb Houseleek (*Sempervivum arachnoideum*) and White Musky Saxifrage (*Saxifraga exarata* subsp. *exarata*) on a rock face near the car park. House and Crag Martins were flying low over us. The path led round a small col, where we found, amongst other plants, a yellow form of Long-spurred Pansies (*Viola calcarata* agg.), Trumpet Gentians (*Gentiana acaulis*), Pyramidal Bugle (*Ajuga pyramidalis*), Alpine Wood Forget-me-not (*Myosotis alpestris*), dark purple Alpine Bartsia (*Bartsia alpina*), the endemic Hen-and-Chickens Houseleek (*Sempervivum globiferm* subsp. *allionii*), and our first endemic Vanilla Orchid (*Gymnadenia corneliana*).

We then retraced our steps, and took the minibus to an upper car park. We intended to walk to the Lago Sant'Anna but, seeing the valley behind us was disappearing in cloud, opted instead to have our picnic while it was still sunny. We then decided to move on, to spend longer at the Col de la Lombarde. As we climbed even higher, we found sheets of white Kuepfer's Buttercup (*Ranunculus kuepferi*), which we stopped to enjoy. At the Col (2,350 metres), there were stunning views over both France and Italy, the cloud having cleared. Amidst quantities of Alpine Bird's-foot Trefoil (*Lotus alpinus*), we found Short-leaved Gentian (*Gentiana brachyphylla*), Mossy Cyphel (*Minuartia sedoides*) and some very pink, grey-leaved Alpine Moon Daisy (*Leucanthemopsis alpina*). Two Stoats chased each other across the rocks. On some shady, north-facing cliffs, we found the purple-flowered *Saxifraga retusa* subsp. *augustana*, the leaves of Piedmont Saxifrage (*Saxifraga pedemontana*) and some Marginate Primrose (*Primula marginata*) and, on a more grassy area, the endemic Rock-jasmine *Androsace affinis*. Here there were also several remaining snow patches.

We then started the long descent into the Tinée Valley, stopping for a leg stretch and refreshments in Isola, before continuing our journey down the valley and along the Valdeblore. We then dropped down to Saint-Martin-Vésubie and our hotel, La Chatâignerie. We quickly settled into our rooms as a sharp but short-lived thunderstorm crashed around us, before a delicious supper. We were all tired, and soon retired to bed.

Day 6

Friday 16th June

Millefonts; Rimplas

Today again dawned fine and sunny. We drove back again over La Colmiane towards St. Dalmas, where we took a very minor road up over the hillside, towards an area known as Millefonts. The views across the valley were magnificent, but concentration was needed for the road! Eventually we reached the parking area, the start of our walk. We walked slowly up the path enjoying the alpine meadows near the bus, and especially the endemic Vanilla Orchids (*Gymnadenia corneliana*), Fragrant Orchids (*Gymnadenia conopsea*), and a couple of spikes of a hybrid between the two (*Gymnadenia x truongae*). Other plants included some beautiful Ligurian Gentians (*Gentiana ligustica*), Spring Gentians (*G. verna*), Frog Orchids (*Dactylorhiza viridis*), and several spikes of Edelweiss (*Leontopodium nivale* subsp. *alpinum*). On the scree were some fine specimens of the strange endemic, Berardia (*Berardia subacaulis*), although we could not see any flowers.

We reached the Col de Veillos, at 2,164 metres, then climbed further to explore the adjacent knoll. A mosaic of the deep pink acid-loving Alpenrose (*Rhododendron ferrugineum*) growing next to the white calcareous-preferring Mountain Avens (*Dryas octopetala*) was eye-catching, and indicative of the complex geology of the area. A few spikes of Snowdon Lily (*Gagea serotina*) were growing amongst the Bilberry (*Vaccinium myrtillus*). In the rocks we found the going-over flowers of *Saxifraga diapensioides*, another endemic, Creeping Globularia (*Globularia repens*), Dark Stonecrop (*Sedum atratum*) and more leaves of Marginate Primrose (*Primula marginata*). Eventually, we reluctantly started to retrace our steps. Marmots made their presence felt, we had good views of Wheatear, and other birds included Water and Tree Pipits. A large bird circling overhead was a Griffon Vulture, while a second one was a Golden Eagle.

After our delicious picnic, we started our drive back along the narrow road. However, we soon stopped for further exploration in another rocky area. Purple Milk-vetch (*Astragalus danicus*) was growing by the road, and we found more remains of *Saxifraga diapensioides*, Wild Cotoneaster (*Cotoneaster intergerrimus*) and plenty of the white flax *Linum suffruticosum* subsp. salsoloides.

Back at the main road, we turned down the Valdeblore to drive to the little village of Rimplas. The excellent views, especially to the south and east, made this a strategic point in wartime, and its fort was part of the Maginot Line. We parked and walked up through the village towards the fort. On the roadside we found the purple-flowered Sainfoin Vetch (*Vicia onobrychoides*), and Striped Toadflax (*Linaria repens*) together with more Mediterranean species, such as Spiny Spurge (*Euphorbia spinosa*), Canterbury Bells (*Campanula medium*), and Prickly and Phonecian Juniper (*Juniperus oxycedrus* and *J. phoenicea*). Field Eryngo (*Eryngium campestre*) was coming into flower but the stately Molopospermum (*Molopospermum peloponnesiacum*) was over. However, the highlight here was the presence of a good number of Lizard Orchids (*Himantoglossum hircinum*) in fine flower, although the basal leaves were generally brown. The south-facing slope is normally good for butterflies, and we saw many Marbled Whites, Cleopatras, Scarce Swallowtails and Silver-studded Blues among them, together with a good number of the orange-and-black-striped 'AC Milan bugs', the shield bug *Graphosoma lineatum*.

We wandered slowly back through the village and retraced our route towards Saint-Martin-Vesubie for a break and cool drinks. We met later to update our lists, sitting ouside under the Horse and Sweet Chestnut trees, before another tasty meal. Aterwards some of us explored the historic town as dusk fell.

Day 7

Saturday 17th June

Saint-Martin-Vesubie; Vallée de la Madone de Fenestre; Le Boreon

We started today at a spot on the outskirts of the town, where there is a location for Red Lily (*Lilium pomponium*), finding a single, beautiful specimen of this iconic species. We also added Heath-leaved St. John's-wort (*Hypericum coris*) and Harebells (*Campanula rotundifolia*) to our list.

We then headed north-east from the town, up the Vallée de la Madone de Fenestre. The Col de Fenestre was an important pilgrimage as well as trade route, and a church stands at the head of the valley. We parked and noted Spiked Bellflower (*Campanula spicata*), Alpine Knotweed (*Aconogonum alpinum*), flowering Cobweb Houseleek

(Sempervivum arachnoideum), Rock Speedwell (Veronica fruticans), Pink Mountain Clover (Trifolium montanum subsp. rupestre), Apine Trefoil (Trifolium alpestre), the endemic Viola valderia and the silvery leaves of the endemic Potentilla valderia. A pair of Black Redstart were around the church, which we took time to visit. As we climbed the rocky path, we found Alpine Pasqueflowers (Anemone alpina) still in flower, more Houseleek, Lesser Masterwort (Astrantia minor) and Alpine Stonecrop (Sedum alpestre), amongst other plants. Marmots were calling, and we saw one, as well as having excellent wiews of three Chamois very close, and another further away. A Golden Eagle was seen circling over the mountain slopes, in good light. The stream, this year, was easy to cross, so we continued further along the path, enjoying the dramatic scenery, before deciding it was time to return for our final picnic.

We decided to make the most of our last day so, leaving the valley, we drove up the valley of Le Boreon, stopping to admire the waterfall. Common Houseleek (*Sempervivum tectorum*) was just coming into flower on the rocks below, and the Thick-leaved Saxifrage (*Saxifraga callosa*) was cascading from the cliffs. We had hoped to find a place for a drink in Le Boreon, but the bars were closed, so we returned to Saint-Martin-Vesubie with time to relax, explore and pack in preparation for the morrow, before enjoying our final evening.

Day 8

Sunday 18th June

Saint-Martin-Vesubie to Nice

This morning we had some time to spare before our flight, so we explored some lower altitudes in the Vesubie Valley. We packed up and said our farewells and thanks to M. Raiberti, and set off south. We took the minor road towards St. Honorat, where we stopped to explore the road banks and surrounding areas. Although it was very hot and rather dry, new species included the Sweet-William-resembling *Dianthus balbisii*, Staehelina (*Staehelina dubinis*), Crupina (*Crupina crupinastrum*), Pallenis (*Pallenis spinosa*), Yellow Dragon's-teeth (*Lotus maritimus*), Mediterranean Buckthorn (*Rhamnus alaternus*), and a couple of flowers of the pink-flowered form of Common Rock-rose (*Helianthemum nummularium* subsp. *semiglabrum*). Butterflies included many Great Banded Graylings.

We soon had to leave all these riches to continue our journey to Nice airport. We arrived in good time, said goodbye to Rosie whose flight was not until the morrow, and the rest of us checked in for our flight back to the UK. We all agreed that we had seen some great plants in the stunning scenery of the Maritime Alps.

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Species Lists

Plants (*=endemic or near-endemic)

Nomenclature contained within this list follows the taxonomic amendments, based on DNA analysis, made by the Royal Botanic Gardens, Kew and the Missouri Botanic Garden, and following The Plant List, an internationally accepted list of vascular plant families, published and maintained by these two Institutions.

Scientific name	Common name	Location
PTERIDOPHYTES	FERNS & ALLIES	
Calamophytes		
Equisetaceae	Horsetail Family	
Equisetum arvense	Field Horsetail	Gorge della Reina
Equisetum fluviatile	Water Horsetail	Palanfrè
Eusporangiate Ferns		
Ophioglossaceae	Adder's-tongue Family	
Botrychium Iunaria	Moonwort	Colle di Tenda
Leptosporangiate Ferns	True Ferns	
Aspleniaceae	Spleenwort family	
Asplenium fontanum	Smooth Rock Spleenwort	Colle di Tenda
Asplenium ruta-muraria	Wall-rue	Colle di Tenda
Asplenium trichomanes	Maidenhair Spleenwort	Gorge della Reina
Asplenium viride	Green Spleenwort	Colle di Tenda
Athyriaceae	Lady-fern Family	
Athyrium filix-femina	Lady-fern	Palanfrè
Cystopteridaceae	Bladder-fern Family	
Cystopteris fragilis	Brittle Bladder-fern	Gorge della Reina
Gymnocarpium dryopteris	Oak Fern	Gorge della Reina
Gymnocarpium robertianum	Limestone Fern	Colle di Tenda
Dennstaedtiaceae	Bracken Family	
Pteridium aquilinum	Bracken	Gorge della Reina
Dryopteridaceae	Buckler-fern Family	
Dryopteris affinis	Scaly Male-fern	Colle di Tenda
Dryopteris filix-mas	Male-fern	Palanfrè
Polystichum aculeatum	Hard Shield-fern	Gorge della Reina
Polystichum lonchitis	Holly-fern	Colle di Tenda
Polypodiaceae	Polypody Family	
Polypodium vulgare agg.	Common Polypody	Gorge della Reina
Pteridaceae	Maidenhair Fern Family	
Adiantum capillus-veneris	Maidenhair Fern	Saorge
Cryptogramma crispa	Parsley Fern	Colle della Lombarda

GYMNOSPERMS

Cupressaceae Juniperus communis Juniperus communis var. saxatilis Juniperus oxycedrus Juniperus phoenicea

Pinaceae Larix decidua Picea abies subsp. abies Pinus mugo Pinus nigra Pinus sylvestris Pinus unciata

ANGIOSPERMS

Pre-Dicots Aristolochiaceae Asarum europaeum

Eu-dicots

Adoxaceae Sambucus nigra Sambucus racemosa

Amaranthaceae (includes Chenopodiaceae) Chenopodium bonus-henricus

Anacardiaceae Cotinus coggyria

Apiaceae

Aegopodium podagraria Angelica sylvestris Anthriscus sylvestris Astrantia major Astrantia minor Bupleurum petraeum Conopodium majus Eryngium campestre Heracleum sphondylium Laserpitium gallicum Laserpitium latifolium Meum athamanticum Myrrhis odorata Molopospermum peloponnesiacum Orlaya grandiflora Orlava kochii Peucedanum ostruthium Torylis leptophylla

Common name

CONIFERS

Juniper Family Common Juniper Dwarf Juniper Prickly Juniper Phoenician Juniper

Pine Family European Larch Spruce Dwarf Mountain Pine Black Pine Scots Pine Mountain Pine

FLOWERING PLANTS

Primitive Angiosperms Birthwort Family Asarabacca

True Dicotyledons Moschatel Family Elder Red-berried Elderberry

Amaranth Family Good King Henry

Sumach Family Smoke Tree

Carrot Family Gound Elder Wild Angelica Cow Parsley Greater Masterwort Lesser Masterwort Rock Hare's-ear Pignut Field Eryngo Hogweed A Sermountain Broad-leaved Sermountain Spignel Sweet Cicely Molopospermum Orlaya Masterwort

Location

Gorge della Reina Colle di Tenda Rimplas Rimplas

Gorge della Reina Gorge della Reina Palanfrè Gorge della Reina Gorge della Reina Colle di Tenda

Palanfrè

Gorge della Reina Grotte del Bandito

Colle di Tenda

Roadsides (France)

Palanfrè Palanfrè (leaves) Palanfrè Palanfrè La Madone de Fenestre Gorge della Reina Palanfrè Rimplas Palanfrè Gorge della Reina Sant' Anna Colle di Tenda Colle di Tenda Rimplas Rimplas Gorge della Reina La Madone de Fenestre Gorge della Reina

Apocynaceae Vincetoxicum hirundinaria

Araliaceae Hedera helix

Berberidaceae Berberis vulgaris

Betulaceae Alnus viridis Betula pendula Corylus avellana

Boraginaceae

Cerinthe minor Cynoglossum officinale Echium vulgare Myosotis alpestris Myosotis arvensis Myosotis ramosissima Myosotis scorpioides Myosotis sylvatica Pulmonaria officinalis

Brassicaceae

Aethionema saxatile Alyssum montanum Arabis alpina Arabis allionii Barbarea bracteosa Barbarea vulgaris Biscutella laevigata Capsella bursa-pastoris Cardamine amara Draba aizoides Erysimum hieracifolium Erysimum jugicola* Hornungia (Pritzelago) alpina Iberis sempervirens Kernera saxatilis Pseudoturritis turrita Ptilotrichum halimifolium (Alyssum ligusticum)*

Buxaceae Buxus sempervirens

Campanulaceae Campanula cochleariifolia Campanula medium

Common name

Periwinkle Family Swallow-wort

Ivy Family Ivy

Barberry Family Barberry

Birch Family Green Alder Silver Birch Hazel

Forget-me-not Family

Lesser Honeywort Hound's-tongue Viper's-bugloss Alpine Wood Forget-me-not Field Forget-me-not Early Forget-me-not Water Forget-me-not Wood Forget-me-not Lungwort

Cabbage Family

Burnt Candytuft Mountain Alison Alpine Rock-cress a Hairy Rock-cress

Winter-cress Buckler Mustard Shepherd's Purse Large Bitter-cress Yellow Whitlow-grass

An endemic Treacle-mustard Chamois Cress Perennial Candytuft Kernera Tower Cress an Alison

Box Family Box

Bellflower Family Fairy's Thimble Canterbury-bells

Location

Gorge della Reina

Palanfrè

Gorge della Reina

Colle di Tenda Gorge della Reina Gorge della Reina

Palanfrè Gorge della Reina Saorge Colle di Tenda Gorge della Reina Grotte del Bandito La Madone de Fenestre Gorge della Reina Palanfrè (leaves)

Colle di Tenda Colle di Tenda Colle di Tenda Colle di Tenda Colle della Lombarda Sant' Anna Colle di Tenda Gorge della Reina Grotte del Bandito Sant' Anna Grotte del Bandito Colle di Tenda Sant' Anna Colle di Tenda Colle di Tenda Gorge della Reina Grotte del Bandito (over)

Rimplas

Colle di Tenda (in bud) Rimplas

Campanula macrorrhiza* Campanula patula Campanula persicifolia Campanula rapunculus Campanula rotundifolia Campanula scheuchzeri Campanula spicata Campanula trachelium Phyteuma betonicifolium Phyteuma hemisphericum Phyteuma orbiculare Phyteuma ovatum

Caprifoliaceae

Centranthus ruber Knautia integrifolia Knautia mollis* Lonicera caprifolium Lonicera etrusca Valeriana montana Valeriana officinalis Valeriana tripteris

Caryophyllaceae Arenaria ciliata Arenaria grandiflora Cerastium arvense Cerastium arvense subsp. suffruticosum Dianthus balbisii Dianthus carthusianorum Dianthus furcatus Dianthus pavonius Dianthus sylvestris Gypsophila repens Minuartia sedoides Moehringia muscosa Petrorhagia prolifera Petrorhagia saxifraga Saponaria ocymoides Saponaria officinalis Silene acaulis Silene dioica Silene exscapa Silene flos-jovis Silene italica Silene latifolia Silene nutans Silene otites Silene rupestris Silene saxifraga

Common name

A Bellflower Spreading Bellflower Peach-leaved Bellflower Rampion Bellflower Harebell Scheuchzer's Bellflower Spiked Bellflower Nettle-leaved Bellflower Betony-leaved Rampion Globe-headed Rampion Round-headed Rampion Dark Rampion

Honeysuckle Family

Red Valerian A Scabious A Scabious Perfoliate Honeysuckle Etruscan Honeysuckle Mountain Valerian Common Valerian Three-leaved Valerian

Pink Family

Ciliate-leaved Sandwort Large-flowered Sandwort Field Mouse-ear A Field Mouse-ear (linear leaves) A Pink **Carthusian Pink** Painted Pink Three-veined Pink Wood Pink Alpine Gypsophila Mossy Cyphel Mossy Sandwort **Proliferous Pink Tunic Flower Rock Soapwort** Soapwort Moss Campion **Red Campion** A Moss Campion **Purple Lychnis Italian Catchfly** White Campion Nottingham Catchfly Spanish Catchfly **Rock Catchfly Tufted Catchfly**

Location

- Saorge Grotte del Bandito Gorge della Reina Palanfrè Saint-Martin-Vesubie Palanfrè Gorge della Reina Grotte del Bandito Palanfrè Colle della Lombarda Gorge della Reina Palanfrè
- Widespread Gorge della Reina Rimplas Gorge della Reina Palanfrè Colle di Tenda Colle di Tenda

Colle di Tenda Gorge della Reina Gorge della Reina Colle di Tenda St. Honorat Rimplas Palanfrè Sant' Anna Saorge Colle di Tenda Colle della Lombarda Gorge della Reina Gorge della Reina Gorge della Reina Gorge della Reina Roadsides Colle di Tenda Palanfrè Colle della Lombarda Gorge della Reina Palanfrè Gorge della Reina Gorge della Reina La Madone de Fenestre Sant' Anna Gorge della Reina

Silene vulgaris Stellaria media Stellaria nemorum

Cistaceae

Helianthemum apenninum Helianthemum nummularium ssp. grandiflorum Helianthemum nummularium ssp. semiglabrum Helianthemum oelandicum subsp. alpestris Helianthemum oelandicum subsp. italicum

Compositae (Asteraceae)

Achillea clavennae Achillea erba-rotta Achillea millefolium Adenostvles alliariae Adenostyles leucophylla Antennaria dioica Arnica montana Artemisia absinthium Artemisia alba Artemisia vulgare Aster alpinus Bellidastrum michelii Bellis perennis Berardia subacaulis* Buphthalmum salicifolium Carduus defloratus Carduus litigosus Carduus personata Carlina acaulis subsp. acaulis Carlina acaulis subsp. caulescens Cichorium intybus Cirsium eriophorum Cirsium erisithales Cirsium montanum Cirsium spinosissimum Cota (Anthemis) tinctoria Crtupina crupinastrum Cyanus (Centaurea) montana Cyanus (Centaurea) triumfettii Doronicum pardalianches Erigeron annuus Erigeron atticus Erigeron uniflorus Helichrysum italicum Hieracium tomentosum Homogyne alpina

Common name

Bladder Campion Common Chickweed Wood Chickweed

Rock-rose Family

White Rock-rose Rock-rose Pink-flowered Rockrose Alpine Rock-rose Italian Rock-rose

Daisy Family

Silvery Milfoil Simple-leaved Milfoil Yarrow Adenostyles An Adenostyles Cat's-foot Arnica Wormwood A Wormwood Mugwort Alpine Aster False Aster Daisy Berardia Yellow Ox- eye **Alpine Thistle** A Thistle Great Marsh Thistle Stemless Carline Thistle "Stemmed" Stemless Carline Thistle Chicory Woolly Thistle Yellow Melancholy Thistle A Brook Thistle Spiniest Thistle Yellow Chamomile Crupina Perennial Cornflower A Perennial Cornflower Leopard's-bane Annual Fleabane

Greek Fleabane

A Curry Plant

Woolly Hawkweed

Alpine Colt's-foot

One-flowered Fleabane

Location

Gorge della Reina Colle di Tenda Gorge della Reina

Gorge della Reina Gorge della Reina St. Honorat Colle di Tenda Gorge della Reina

Colle della Lombarda (leaves) La Madone de Fenestre Palanfrè Gorge della Reina Sant' Anna Colle di Tenda Colle di Tenda Gorge della Reina Colle di Tenda Gorge della Reina Colle di Tenda Colle di Tenda Gorge della Reina Millefonts (leaves) Gorge della Reina Gorge della Reina Gorge della Reina Palanfrè Colle di Tenda Palanfrè Roadsides Colle di Tenda (leaves) Palanfrè La Madone de Fenestre vallev Sant' Anna Rimplas St. Honorat Palanfrè Le Boreon Palanfrè Gorge della Reina La Madone de Fenestre Colle della Lombarda Saorge Colle di Tenda (leaves) Colle di Tenda

Jacobaea maritima (Senecio cineraria) Lactuca perennis Leontopodium alpinum Leucanthemopsis alpina Leucanthemum vulgare Pallenis spinosa

Petasites hybridus

Phagnalon sordidum Pilosella cymosa Pilosella officinarum agg. Senecio doronicum Staehelina dubius Taraxacum agg Tolpis staticifolia Tussilago farfara

Convolvulaceae Convolvulus arvensis Cuscuta europaea

Cornaceae Cornus sanguinea

Crassulaceae

Sedum acre Sedum album Sedum alpestre Sedum atratum subsp. atratum Sedum dasyphyllum Sedum fragrans* Sedum ochroleucum Sedum rupestre Sedum sexangulare Sedum telephium subsp. maximum Sempervivum arachnoideum Sempervivum globiferum subsp. allionii*

Ericaceae

Arctostaphylos uva-ursi Rhododendron ferrugineum Vaccinium myrtillus Vaccinium uliginosum

Euphorbiaceae

Euphorbia dulcis Euphorbia spinosa Mercurialis perennis

Common name

Silver Ragwort Perennial Lettuce Edelweiss Alpine Moon Daisy Ox-eye daisy Pallenis Butterbur A Phagnalon -Mouse-eared Hawkweed Chamois Ragwort

Dandelion Tolpis Colt's-foot

Bindweed Family Field Bindweed Greater Dodder

Dogwood Family Dogwood

Stonecrop Family

Biting Stonecrop White Stonecrop A Stonecrop Dark Stonecrop Fragrant Stonecrop Creamish Stonecrop Rock Stonecrop Tasteless Stonecrop An Orpine Cobweb Houseleek A Hen-and-Chickens Houseleek Common Houseleek

Heather Family Bearberry Alpenrose Bilberry Bog Whortleberry

Spurge Family Sweet Spurge Spiny Spurge Dog's Mercury

Location

Saorge Gorge della Reina Millefonts Colle di Tenda Gorge della Reina St. Honorat La Madone de Fenestre valley St. Honorat Palanfrè Gorge della Reina Colle di Tenda St. Honorat Common Colle di Tenda Colle di Tenda

Gorge della Reina Palanfrè

Palanfrè

Millefonts Saorge Sant' Anna Millefonts Saorge Saorge Saorge Gorge della Reina Rimplas (leaves) Millefonts Sant' Anna Le Boreon

Millefonts Colle di Tenda Colle di Tenda Sant' Anna

Gorge della Reina Rimplas Palanfrè

Fagaceae

Castanea sativa Fagus sylvatica

Gentianaceae

Blackstonia perfoliata Centaurium erythraea Gentiana acaulis Gentiana brachyphylla Gentiana ligustica* Gentiana lutea Gentiana verna Gentianella campestris

Geraniaceae

Geranium dissectum Geranium nodosum Geranium phaeum Geranium pyrenaicum Geranium sanguineum Geranium sylvaticum

Grossulariaceae Ribes uva-crispa

Hypericaceae

Hypericum coris Hypericum tetrapterum

Lamiaceae

Ajuga genevensis Ajuga pyramidalis Clinopodium acinos Clinopodium (Acinos) alpinum Clinopodium nepeta Galeopsis angustifolia Lamiastrum galeobdolon Lamium garganicum Lamium maculatum Lavandula angustifolia Mentha aquatica Origanum vulgare Prunella grandiflora Prunella laciniata Prunella vulgaris Salvia pratensis Scutellaria alpina Stachys officinalis Stachys recta Stachys sylvatica

Common name

Oak & Beech Family Sweet Chestnut Beech

Gentian Family

Yellow-wort Centaury Trumpet Gentian Short-leaved Gentian Ligurian Gentian Yellow Gentian Spring Gentian Field Gentian

Crane's-bill Family

Cut-leaved Crane's-bill Knotted Crane's-bill Dusky Crane's-bill Hedgerow Crane's-bill Bloody Crane's-bill Wood Crane's-bill

Gooseberry Family Gooseberry

St. John's-wort Family Heath-leaved St. John's-wort Square-stemmed St. John's-wort

Dead-nettle Family Blue Bugle Pyramidal Bugle **Basil Thyme** Alpine Basil Thyme Lesser Calamint **Red Hemp-nettle** Yellow Archangel Large Red Dead-nettle Spotted Dead-nettle Common Lavender Water Mint Wild Marjoram Large-flowered Self-heal Cut-leaved Self-heal Self-heal Meadow Clary Alpine Skull-cap **Betony** Perennial Yellow Woundwort Hedge Woundwort

Location

Palanfrè Gorge della Reina

Gorge della Reina Gorge della Reina Sant' Anna Colle della Lombarda Millefonts Palanfrè Colle di Tenda Colle di Tenda

Gorge della Reina Gorge della Reina Palanfrè Gorge della Reina Gorge della Reina Colle di Tenda

Sant' Anna

Sasint-Martin-Vesubie Rimplas

Gorge della Reina Sant' Anna Rimplas Gorge della Reina St. Honorat Palanfrè Gorge della Reina Palanfrè Colle di Tenda Gorge della Reina Sant' Anna Gorge della Reina Gorge della Reina Palanfrè

Teucrium chamaedrys Teucrium montanum Thymus pulegioides Thymus vulgaris

Leguminosae (Fabaceae)

Anthyllis montana Anthyllis vulneraria agg Astragalus alpinus Astragalus danicus

Astragalus monspessulanus

Chamaecytisus hirsutus subsp. pumilus* Cytisophyllum sessilifolium Genista cinerea Genista germanica Genista tinctoria Hippocrepis comosa Laburnum alpinum Laburnum anagyroides Lathyrus latifolius Lathyrus pratensis Lathyrus sylvestris Lathyrus vernus Lotus alpinus Lotus corniculatus Lotus (Tetragonolobus) maritimus Medicago sativa Melilotus albus Melilotus officinalis Onobrychis montana Ononis natrix Oxytropis helvetica Securigera varia Spartium junceum Trifolium alpestre Trifolium alpinum Trifolium badium Trifolium campestre Trifolium montanum subsp. montanum Trifolium montanum subsp. rupestre Trifolium pratense Vicia cracca Vicia onobrychoides

Lentibulariaceae Pinguicula leptoceras Pinguicula vulgaris

Linaceae Linum austriacum subsp. collinum

Common name

Wall Germander Mountain Germander Greater Thyme Common Thyme

Pea Family

Mountain Kidney-vetch **Kidney Vetch** Alpine Milk-vetch Purple Milk-vetch False Vetch or Montpellier Milkvetch A Hairy Broom Sessile Broom Ash-coloured Broom German Greenweed **Dver's Greenweed** Horseshoe Vetch Alpine Laburnum Laburnum Broad-leaved Everlasting Pea Meadow Vetchling Narrow-leaved Everlasting Pea Spring Vetchling Alpine Bird's-foot Trefoil Bird's-foot Trefoil Dragon's Teeth Lucerne White Melilot **Ribbed Melilot** Mountain Sainfoin Large Yellow Restharrow Swiss Milk-vetch Crown Vetch Spanish Broom Alpine Trefoil Alpine Clover **Brown Clover** Hop Trefoil White Mountain Clover Pink Mountain Clover Red Clover **Tufted Vetch** Sainfoin Vetch

Bladderwort Family Southern Butterwort Common Butterwort

Flax Family A blue Flax

Location

Gorge della Reina Gorge della Reina Rimplas Gorge della Reina

Colle di Tenda Gorge della Reina Colle di Tenda Millefonts Palanfrè Colle di Tenda Gorge della Reina Millefonts Palanfrè Gorge della Reina Gorge della Reina Colle di Tenda Palanfrè Roadsides Valdeblore Palanfrè Saorge Gorge della Reina (in seed) Colle di Tenda Gorge della Reina St. Honorat Saorge Saorge Rimplas Colle di Tenda Rimplas Colle di Tenda Gorge della Reina Rimplas La Madone de Fenestre Sant' Anna Palanfrè Palanfrè Gorge della Reina Colle di Tenda Gorge della Reina Gorge della Reina Rimplas

Colle di Tenda Gorge della Reina

Palanfrè

Linum catharticum Linum suffruticosum subsp. salsoloides

Malvaceae Malva neglecta

Moraceae Ficus carica

Onagraceae Epilobium alsinifolium Epilobium (Chamerion) angustifolium Epilobium hirsutum

Oleaceae

Fraxinus excelsior Ligustrum vulgare Olea europaea

Orobanchaceae Bartsia alpina Euphrasia sp. Orobanche alba Pedicularis comosa Pedicularis gyroflexa Pedicularis rostratospicata subsp. helvetica Rhinanthus minor agg.

Oxalidaceae Oxalis acetosella

Papaveraceae Chelidonium majus Papaver alpinum (P.aurantiacum) Papaver rhoeas

Plantaginaceae

Antirrhinum latifolium Digitalis grandiflora Digitalis lutea Globularia cordifolia Globularia repens Globularia vulgaris Linaria repens Linaria supina Plantago lanceolata Plantago major Plantago maritima subsp. serpentina Plantago media Plantago sempervirens

Common name

Purging or Fairy Flax A white Flax

Mallow Family Dwarf Mallow

Fig Family Fig

Willowherb Family Chickweed Willowherb Rosebay Willowherb Great Willowherb

Olive Family Ash Wild Privet Olive

Broomrape Family Alpine Bartsia an Eyebright Thyme Broomrape Crested Lousewort Tufted Lousewort Flesh-pink Lousewort Hay Rattle

Wood Sorrel Family Wood Sorrel

Poppy Family Greater Celandine Rhaetian Poppy Common Poppy

Plantain Family

Snapdragon Large Yellow Foxglove Small Yellow Foxglove Matted Globularia Creeping Globularia Common Globularia Striped Toadflax Prostrate Toadflax Ribwort Plantain Greater Plantain Fleshy Plantain Hoary Plantain Shrubby Plantain

Location

Gorge della Reina Gorge della Reina

Palanfrè

Saorge

Palanfrè Gorge della Reina Palanfrè (leaves)

Gorge della Reina Saorge Roadsides

Colle di Tenda La Madone de Fenestre Gorge della Reina Colle di Tenda Colle di Tenda Colle della Lombarda Gorge della Reina

Colle di Tenda

Gorge della Reina Palanfrè Gorge della Reina

Gorge della Reina Gorge della Reina Gorge della Reina Colle di Tenda Colle di Tenda Gorge della Reina Rimplas Colle di Tenda Palanfrè Palanfrè Gorge della Reina Gorge della Reina Rimplas

Veronica allionii* Veronica beccabunga Veronica bellidioides Veronica chamaedrys Veronica fruticans Veronica fruticulosa Veronica officinalis Veronica serpyllifolia Veronica urticifolia

Plumbaginaceae Armeria alpina

Polygalaceae Polygala alpestris Polygala nicaeensis

Polygonaceae

Aconogonum (Polygonum) alpinum Persicaria bistorta Rumex acetosa Rumex acetosella Rumex alpinus Rumex scutatus

Primulaceae

Androsace adfinis* Primula elatior Primula latifolia Primula marginata* Primula veris Soldanella alpina

Ranunculaceae Aconitum lycoctonum subsp. vulparia Actaea spicata Anemone (Pulsatilla) alpina subsp. millefoliata Anemone narcissiflora Aquilegia atrata Caltha palustris Consolida regalis Helleborus foetidus Hepatica nobilis Ranunculus aconitifolius Ranunculus kuepferi Ranunculus montanus Thalictrum aquilegifolium Thalictrum foetidum Trollius europaeus

Common name

A Speedwell Brooklime Violet Speedwell Germander Speedwell Rock Speedwell Pink Rock Speedwell Heath Speedwell Thyme-leaved Speedwell Nettle-leaved Speedwell

Thrift Family Mountain Thrift

Milkwort Family Mountain Milkwort Nice Milkwort

Knotweed Family

Alpine Knotweed Bistort Sorrel Sheep's Sorrel Monk's Rhubarb French Sorrel / Shield Dock

Primrose Family

A Rock-jasmine Oxlip Viscid Primrose Marginate Primrose Cowslip Alpine Snowbell

Buttercup Family

Wolf's-bane Baneberry Alpine Pasqueflower Narcissus Anemone Dark Columbine Marsh Marigold Forking Larkspur Stinking Hellebore Hepatica Aconite-leaved Buttercup Kuepfer's Buttercup Kuepfer's Buttercup Great Meadow-rue Foetid Meadow-rue Globeflower

Location

Millefonts Colle di Tenda Colle della Lombarda Colle di Tenda Colle di Tenda Gorge della Reina Colle della Lombarda Colle di Tenda Palanfrè

Sant' Anna

Colle di Tenda Gorge della Reina

La Madone de Fenestre Palanfrè Colle di Tenda Colle della Lombarda Palanfrè Colle di Tenda

Colle della Lombarda Colle di Tenda Colle di Tenda Colle di Tenda Gorge della Reina (over) Colle di Tenda

Gorge della Reina (leaves) Palanfrè La Madone de Fenestre Palanfrè Gorge della Reina Sant' Anna Saorge Millefonts Colle di Tenda Colle di Tenda Colle della Lombarda Colle di Tenda Gorge della Reina Gorge della Reina Colle di Tenda

Rhamnaceae Rhamnus alaternus Rhamnus pumila

Rosaceae

Agrimonia eupatoria Alchemilla alpina Alchemilla conjuncta Alchemilla spp Aruncus dioicus Cotoneaster integerrimus Dryas octopetala Filipendula ulmaria Fragaria vesca Geum montanum Geum rivale Geum urbanum Potentilla argentea Potentilla crantzii Potentilla erecta Potentilla grandiflora Potentilla recta Potentilla saxifraga* Potentilla valderia* Prunus mahaleb Prunus spinosa Rosa canina agg. Rosa glauca Rubus fruticosus agg. Rubus idaeus Rubus saxatilis Sanguisorba minor agg. Sorbus aria Sorbus aucuparia Sorbus chamaemespilus

Rubiaceae

Asperula cynanchica Cruciata glabra Cruciata pedemontana Galium album Galium odoratum Galium rotundifolium Galium tendae* Galium verum

Salicaceae

Salix caprea

Common name

Buckthorn Family Mediterranean Buckthorn Dwarf Buckthorn

Rose Family

Agrimony Alpine Lady's-mantle Silver Lady's-mantle Lady's-mantles Goat's-beard Spirea Wild Cotoneaster Mountain Avens Meadowsweet Wild Strawberry Mountain Avens Water Avens Wood Avens Hoary Cinquefoil Alpine Cinquefoil Tormentil Large-flowered Cinquefoil Sulphur Cinquefoil **Tufted Cinquefoil** A Cinquefoil St. Lucie's Cherry Blackthorn Dog Rose Glaucous Dog Rose Bramble Raspberry **Rock Bramble** Salad Burnet Whitebeam Rowan False Medlar

Bedstraw Family

Squinancywort Smooth Crosswort A Crosswort Upright Hedge Bedstraw Woodruff Round-leaved Bedstraw A Bedstraw Lady's Bedstraw

Willow Family Goat Willow

Location

St. Honorat Colle di Tenda

Gorge della Reina Colle di Tenda Colle di Tenda Colle di Tenda Gorge della Reina Millefonts Colle di Tenda Roadsides Gorge della Reina Colle di Tenda (in seed) Colle di Tenda Gorge della Reina Gorge della Reina Colle di Tenda La Madone de Fenestre Millefonts Gorge della Reina Saorge Sant' Anna Gorge della Reina Gorge della Reina Gorge della Reina Colle di Tenda Gorge della Reina Colle di Tenda Palanfrè Gorge della Reina Gorge della Reina Gorge della Reina Palanfrè

Colle di Tenda (in bud) Colle di Tenda Palanfrè Gorge della Reina Palanfrè Gorge della Reina Colle di Tenda Gorge della Reina

Colle di Tenda

Santalaceae Thesium divaricatum

Sapindaceae

Acer campestre Aesculus hippocastanum

Saxifragaceae

Saxifraga aizoides Saxifraga callosa Saxifraga cuneifolia Saxifraga diapensioides* Saxifraga exarata subsp. exarata Saxifraga exarata subsp. moschata Saxifraga paniculata

Saxifraga pedemontana*

Saxifraga retusa subsp. augustana* Saxifraga rotundifolia Saxifraga stellaris

Scrophulariaceae Scrophularia canina Verbascum nigrum Verbascum pulverulentum

Thymelaeaceae Daphne mezereum

Urticaceae Parietaria officinalis Urtica dioica

Violaceae

Viola biflora Viola calcarata agg. Viola pyrenaica Viola reichenbachiana Viola tricolor subsp. subalpina Viola valderia*

Monocots

Amaryllidaceae Allium narcissiflorum* Allium schoenoprasum Allium sphaerocephalon

Common name

Sandalwood Family Branched Bastard Toadflax

Maple Family Field Maple Horse-chestnut

Saxifrage Family

Yellow Mountain Saxifrage Thick-leaved Saxifrage Lesser London Pride A Saxifrage White Musky Saxifrage Musky Saxifrage Live-long Saxifrage

Piedmont Saxifrage

A purple Saxifrage Round-leaved Saxifrage Starry Saxifrage

Figwort Family Alpine Figwort Dark Mullein Hoary Mullein

Daphne Family Mezereon

Nettle Family Large Pelitory of the Wall Common Nettle

Violet Family Yellow Wood Violet Long-spurred Pansy Pyrenean Violet Early Dog Violet Heartsease Maritime Alps Pansy

Monocotyledons

Daffodil Family Narcissus-flowered Onion Chives Round-headed Leek

Location

Gorge della Reina

Gorge della Reina Saint-Martin-Vesubie (planted)

Colle di Tenda (leaves) Gorge della Reina Saorge (over) Millefonts Sant' Anna Colle di Tenda Gorge della Reina Colle della Lombarda (leaves) Colle della Lombarda Gorge della Reina La Madone de Fenestre

Colle di Tenda Gorge della Reina Gorge della Reina

Palanfrè (in berry)

Grotte del Bandito Gorge della Reina

Gorge della Reina Colle di Tenda Colle di Tenda

Palanfrè Millefonts

Palanfrè Palanfrè Gorge della Reina

Asparagaceae

Anthericum lilago Leopoldia (Muscari) comosa Maianthemum bifolium Ornithogalum gussonei Ornithogalum umbellatum Paradisea liliastrum Polygonatum multiflorum Polygonatum verticillatum

Colchicaceae Colchicum autumnale

Juncaceae Luzula nivea

Liliaceae

Gagea (Lloydia) serotina Lillium bulbiferum subsp. croceum Lillium martagon Lillium pomponium Streptopus amplexifolius

Melanthiaceae Paris quadrifolia Veratrum lobelianum

Orchidaceae

Anacamptis pyramidalis Cephalanthera damasonium Cephalanthera rubra Corallorhiza trifida Dactylorhiza fuchsii Dactylorhiza sambucina Dactylorhiza (Coeloglossum) viridis Epipactis helleborine Gymnadenia albida Gymnadenia conopsea agg. Gymnadenia corneliana* Gymnadenia rhellicani Gymnadenia x truongae (G. conopsea x corneliana) Himantoglossum hircinum Neotinea (Orchis) tridentata Neotinea (Orchis) ustulata Neottia ovata Ophrys fuciflora Orchis anthropophorum Orchis militaris Platanthera chlorantha Traunsteinera globosa

Common name

Asparagus Family

St. Bernard's Lily Tassel Hyacinth May Lily A Star-of-Bethlehem Star-of-Bethlehem St. Bruno's Lily Solomon's-seal Whorled Solomon's-seal

Autumn Crocus Family Autumn Crocus

Rush Family Snowy Wood-rush

- Lily Family
- Snowdon Lily Orange Lily Martagon Lily Red Lily Streptopus

Herb-Paris Family Herb-Paris Green False-helleborine

Orchid Family Pyramidal Orchid White Helleborine Red Helleborine Coralroot Orchid Common Spotted-orchid Elder-flowered Orchid Frog Orchid Broad-leaved Helleborine Small White Orchid Fragrant Orchid A Vanilla Orchid Dark Vanilla Orchid

A hybrid orchid

Lizard Orchid Toothed Orchid Burnt Orchid Twayblade Late Spider Orchid Man Orchid Military Orchid Greater Butterfly Orchid Round-headed Orchid

Location

Gorge della Reina Gorge della Reina Palanfrè Palanfrè Gorge della Reina Colle di Tenda Gorge della Reina Colle di Tenda

Gorge della Reina (in seed)

Gorge della Reina

Millefonts Sant' Anna Palanfrè (in bud) Saint-Martin-Vesubie Colle di Tenda

Gorge della Reina Colle di Tenda (leaves)

Gorge della Reina Gorge della Reina Gorge della Reina Palanfrè Gorge della Reina Colle di Tenda Colle di Tenda Gorge della Reina (in bud) Sant' Anna Gorge della Reina Sant' Anna Colle di Tenda Millefonts

Rimplas Gorge della Reina Palanfrè

Poaceae

Briza media Dactylis glomerata Festuca paniculata Phleum alpinum Sesleria sphaerocephala

Tofieldiaceae Tofieldia calyculata

Xanthorrhoeaceae Asphodelus albus

Common name

Grass Family Quaking-grass Cock's-foot

Alpine Timothy A white Moor-grass

False Asphodel Family Tofield's Asphodel

Asphodel Family White Asphodel Location

Gorge della Reina Common Colle di Tenda Colle di Tenda Gorge della Reina

Palanfrè

Palanfrè

Birds (<=recorded but not counted; H = heard only)

						Jı	une			
	Common name	Scientific name	11	12	13	14	15	16	17	18
1	Griffon Vulture	Gyps fulvus						2		
2	Short-toed Snake Eagle	Circaetus gallicus			2					
3	Golden Eagle	Aquila circaetus						1	1	
4	Eurasian Sparrowhawk	Accipiter nisus				✓				
5	Common Buzzard	Buteo buteo		Н		✓	✓		✓	
6	Rock Dove/Feral Pigeon	Columba livia	✓	\checkmark		✓		✓	✓	
7	Common Wood Pigeon	Columba palumbus				✓				
8	Common Cuckoo	Cuculus canorus			Н	н	Н	Н	н	
9	Common Swift	Apus apus	✓		✓	✓	✓	✓	✓	
10	Great Spotted Woodpecker	Dendrocopos major		Н		✓			Н	
11	Common Kestrel	Falco tinnunculus			✓			✓		
12	Eurasian Jay	Garrulus glandarius		✓	✓	✓	✓	✓	✓	
13	Eurasian Magpie	Pica pica	✓	✓	✓	✓	✓	✓		
14	Red-billed Chough	Pyrrhocorax pyrrhocorax			✓	✓		✓		
15	Alpine Chough	Pyrrhocorax graculus			✓		✓	✓	Н	
16	Carrion Crow	Corvus corone		✓	✓	✓	✓	✓		
17	Hooded Crow	Corvus cornix	 ✓ 				✓			
18	Northern Raven	Corvus corax			1					
19	Coal Tit	Periparus ater		✓		Н				
20	Eurasian Blue Tit	Cyanistes caeruleus		Н		Н			✓	
21	Great Tit	Parus major		Н				✓		
22	Eurasian Skylark	Alauda arvensis			✓			✓		
23	Barn Swallow	Hirundo rustica	 ✓ 	✓	✓	✓	✓	✓		
24	Eurasian Crag Martin	Ptyonoprogne rupestris	 ✓ 				✓	✓	✓	
25	Common House Martin	Delichon urbicum					✓	✓	✓	
26	Common Chiffchaff	Phylloscopus collybita		Н		Н				
27	Western Bonelli's Warbler	Phylloscopus bonelli		Н		~				
28	Eurasian Blackcap	Sylvia atricapilla		Н	Н	Н	Н	Н	Н	
29	Garden Warbler	Sylvia borin		Н		Н				
30	Lesser Whitethroat	Sylvia curruca			 ✓ 					
31	Common Whitethroat	Sylvia communis						Н		
32	Common Blackbird	Turdus merula	✓	✓	✓	✓	✓	✓	✓	

						Jı	une			
	Common name	Scientific name	11	12	13	14	15	16	17	18
33	Song Thrush	Turdus philomelos		Н	Н	Н	Н	н	✓	
34	Mistle Thrush	Turdus viscivorus							✓	
35	European Robin	Erithacus rubecula		Н		Н	Н			
36	Black Redstart	Phoenicurus ochruros			✓	\checkmark			✓	
37	Common Redstart	Phoenicurus phoenicurus		✓	✓		✓			
38	Northern Wheatear	Oenanthe oenanthe			✓		Н	✓	✓	
39	Blue Rock Thrush	Monticola solitarius			✓					
40	Italian Sparrow	Passer italiae		✓	✓	✓	✓	✓	✓	
41	Dunnock	Prunella modularis			Н					
42	Grey Wagtail	Motacilla cinerea					✓		✓	
43	White Wagtail	Motacilla alba	✓			✓	✓	✓	✓	
44	Tree Pipit	Anthus trivialis			✓		✓	✓	✓	
45	Water Pipit	Anthus spinoletta			✓		✓			
46	Common Chaffinch	Fringilla coelebs		✓	✓	\checkmark	✓	✓	✓	
47	European Serin	Serinus serinus		✓	✓		✓	✓	✓	
48	European Goldfinch	Carduelis carduelis				✓		 ✓ 	✓	
49	Common Linnet	Linaria cannabina					✓	✓		
50	Eurasian Bullfinch	Pyrrhula pyrrhula				Н				

Mammals (D=Dead)

1	Red Fox	Vulpes vulpes		2				
2	Stoat	Mustela erminea			2			
3	Roe Deer	Capreolus capreolus		✓				
4	Alpine Chamois	Rupicapra rupicapra					4	
5	Alpine Marmot	Marmota marmota		✓	✓	✓	✓	
6	Bank Vole	Clethrionomys glareolus		D				

Reptiles

1	Common Wall Lizard	Podarcis muralis	✓	✓	✓		✓	
2	Common Lizard	Zootoca vivipara			✓			

Butterflies (C=Caterpillar)

1	Swallowtail	Papilio machaon	✓		✓	✓			
2	Scarce Swallowtail	Iphiclides podalirius	 ✓ 				✓		
3	Apollo	Parnassius apollo				✓		✓	
4	Clouded Apollo	Parnassius mnemosyne		✓	✓				
5	Black-veined White	Aporia crataegi	✓				✓		
6	Large White	Pieris brassicae			✓	✓			
7	Small White	Pieris rapae	✓	✓	✓		✓		
8	Mountain Green-veined White	Pieris bryoniae		✓	✓			✓	
9	Orange Tip	Anthocharis cardamines	✓	✓	✓	✓		✓	
10	Clouded Yellow	Colias crocea	✓	✓		✓	✓	✓	
11	Berger's Clouded Yellow	Colias alfacariensis	✓		✓		✓	✓	
12	Brimstone	Gonepteryx rhamni	✓	✓		✓	✓		
13	Cleopatra	Gonepteryx cleopatra					✓	✓	
14	Wood White	Leptidea sinapis	✓	✓	✓				
15	Green Hairstreak	Callophrys rubi		✓			✓		

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	Common name	Scientific name	11	12	13	14	15	16	17	18
16	Scarce Copper	Lycaena virgaureae		✓		✓	✓			
17	Little Blue	Cupido minimus		✓	✓	\checkmark				
18	Chequered Blue	Scolitantides orion	✓							
19	Baton Blue	Pseudophilotes baton		✓						
20	Silver-studded Blue	Plebejus argus		✓					✓	
21	Mazarine Blue	Cyaniris semiargus			✓	\checkmark	✓			
22	Adonis Blue	Polyommatus bellargus		✓	✓	\checkmark		✓	✓	
23	Common Blue	Polyommatus icarus		✓	✓	\checkmark		✓	✓	✓
24	Duke of Burgundy Fritillary	Hamearis lucina				\checkmark				
25	Small Tortoiseshell	Aglais urticae			✓	\checkmark	✓	✓		
26	High Brown Fritillary	Argynnis adippe		✓			✓	✓		
27	Titania's Fritillary	Clossiana titania		✓						
28	Glanville Fritillary	Melitaea cinxia			✓					
29	Spotted Fritillary	Melitaea didyma		С						1
30	Heath Fritillary	Mellicta athalia		✓	✓	\checkmark		✓	✓	
31	Marbled White	Melanargia galathea		✓				✓		
32	Great Banded Grayling	Kanetisa circe		✓				✓		✓
33	Arran Brown	Erebia ligea		✓						
34	Almond-eyed Ringlet	Erebia alberganus				\checkmark	✓	✓	✓	1
35	Piedmont Ringlet	Erebia meolans		✓	✓	\checkmark				
36	Meadow Brown	Maniola jurtina				✓		✓		1
37	Small Heath	Coenonympha pamphilus		✓	✓	\checkmark		✓		
38	Pearly Heath	Coenonympha arcania		✓		\checkmark		✓		
39	Speckled Wood	Pararge aegeria			✓	\checkmark				1
40	Wall Brown	Lasiommata megera		✓	✓	\checkmark				
41	Large Wall Brown	Lasiommata maera		✓						
42	Grizzled Skipper	Pyrgus malvae				\checkmark	✓			
43	Alpine Grizzled Skipper	Pyrgus andromedae			✓				✓	
44	Dingy Skipper	Erynnis tages			✓	✓	✓			
45	Essex Skipper	Thymelicus lineola						✓		
46	Small Skipper	Thymelicus sylvestris		✓				✓		
47	Large Skipper	Ochlodes venatus				✓				

Moths

1	Forester	Adscita statices	✓	✓		✓		
2	Six-spot Burnet	Zygaena filipendulae	✓					
3	a Burnet Moth	Zygaena osterodensis	✓					
4	Small Argent and Sable	Epirrhoe tristata		✓				
5	Chimney Sweeper	Odezia atrata	✓		✓			
6	Latticed Heath	Chaismia clathrata clathrata	✓	✓				
7	Black-veined Moth	Siona lineata				✓		
8	Humming-bird Hawk-moth	Macroglossum stellatarum	✓	✓				
9	Red-necked Footman	Atolmis rubricollis	✓					
10	Mother Shipton	Callistege mi			✓			

Other Invertebrates

1	Great Green Bush-cricket	Tettigonia viridissima		✓			
2	Field Cricket	Gryllus campestris	Н			Н	

						J	une			
	Common name	Scientific name	11	12	13	14	15	16	17	18
3	A red and black Shield Bug	Graphosoma lineatum			✓		✓	✓		
4	Forest Bug	Pentatoma rufipes							✓	
5	Gendarme or Fire Bug	Pyrrhocoris apterus						✓		
6	Assassin Bug	Rhinocoris iracundus						✓		
7	A red and black Froghopper	Cercopis vulnerata		✓						
8	Paper Wasp	Polistes cf biglumis					Nest			
9	Green Tiger Beetle	Cicindela campestris		✓						
10	Dung Beetle	Scarabaeus semipunctatus			✓			✓		
11	a Chafer (black with white spots)	Oxythyria funesta						✓		
12	7-Spot Ladybird	Coccinella 7-punctata						✓	✓	
13	Leaf Beetle	Chrysolina coerulans					✓			





Marginate Primrose

Red Lily



Saint-Martin-Vesubie



Trumpet Gentian