

# The Apennines: Italy's Abruzzo National Park

Naturetrek Tour Report

26 May - 2 June 2016

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Common Redstart by Jon Vale



Common Wall Lizard by Jon Vale



Sword-leaved Helleborine by Jon Vale



Wild Boar by Jon Vale

Report compiled by Jessica Turner  
Images courtesy of Jon Vale & Jessica Turner



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Tour Participants: Jessica Turner and Luca Sattin (leaders) together with 13 Naturetrek clients

## Summary

The Abruzzo National Park in the central Apennines of Italy always offers a wide range of wildlife encounters, including a few surprises. This year a late frost had turned great swathes of the fresh green Beech foliage to an autumnal brown, so the landscape had an unusual colour palette; it had also impacted on some of the other plants, and possibly other species. Trees higher up in the Val di Rose were unaffected, where we had great views of Abruzzo Chamois, along with carpets of alpine flowers. The Chamois are always a pleasure to see, as are the Wild Boar, especially with their stripey piglets, plus Red and Roe Deer. Some of the group had excellent views of the Marsican Brown Bear one morning. These are truly wild animals, never fed by humans, and any sighting of these or Wolves is a bonus. We enjoyed a wide selection of birds, butterflies and flowers, especially the orchids in their abundance.

Geraldine and Marco, as ever, provided a warm welcome and excellent hospitality, introducing us to several local specialities. An excellent week in a delightful location!

## Day 1

Thursday 26th May

### UK to Rome to Pescasseroli

Eleven group members flew in from London Heathrow and two from Glasgow, meeting Jessica and Luca who were waiting in arrivals at Rome Fiumicino Airport. Having collected the minibuses, we set off to negotiate the Rome ringroad, which was very busy with evening traffic. Birds seen from the buses included Starlings, Hooded Crows, Yellow-legged Gulls, Swifts and Swallows. The traffic eased as we drove east, enjoying the little hill-top villages and gorges of the Apennine foothills. We stopped for a break just inside Abruzzo Province, seeing three Bee-eaters which flew overhead. Soon after, the motorways branched and we took the A24 towards Pescara, leaving beyond Avezzano to climb up to Pescasseroli.

It was getting dark as we approached the National Park, so we drove straight to Pescasseroli and through the village to the Albergo Paradiso, where we received the usual very warm welcome from Geraldine and Marco. We soon settled into our rooms and then enjoyed an excellent dinner, during which Jessica outlined plans for the morrow. After a long day, we then retired to bed.

## Day 2

Friday 27th May

### Around Hotel; Camosciara; Gioia Vecchio

This morning, some of the group ventured out at 7am, to explore the local area. Firecrest had already been seen, and Common Redstart was singing from prominent perches. Goldfinches, Coal Tit, Tree Sparrows and two Crossbills were noted. We walked up the track behind the hotel, towards a small hill. On a rocky bank we found the endemic Pansy *Viola eugeniae* in various shades, but predominantly yellow, together with Meadow Saxifrage (*Saxifraga granulata*) and, further on, we found Toothed Orchid (*Neotinea tridentata*) and Green-winged Orchid

(*Anacamptis morio*). From the hill, we had stunning views in all directions, and could see the hilltop village of Opi. A fine stag was in a glade below, two Corn Buntings flew over, followed later by two Hawfinches. Sand Catchfly (*Silene conica*) was found on the slope.

After breakfast, with the picnic bought, we headed south-east down the valley of the Sangro, past Opi, to our destination of Camosciara, in the heart of the National Park. Having parked the vehicles, we set off up the valley. Among the Juniper (*Juniperus communis*), Hawthorn (*Crataegus monogyna*), Blackthorn (*Prunus spinosa*) and Wild Pear (*Pyrus pyraster*) scrub, we found some spikes of Twayblade (*Neottia ovata*), a Military Orchid (*Orchis militaris*) and Green-winged Orchid, all growing with some protection from grazing. We also noted Nice Milkwort (*Polygala nicaeensis*), Common Globularia (*Globularia vulgaris*) and Horseshoe Vetch (*Hippocrepis comosa*). Back by the path, we added Early Purple Orchid (*Orchis mascula* subsp. *speciosa*). The road was lined by trees and shrubs, including Spindle (*Euonymus europaeus*), Dogwood (*Cornus sanguinea*), Cornelian Cherry (*Cornus mas*), Turkey Oak (*Quercus cerris*), and Goat Willow (*Salix caprea*). Bonelli's Warbler, Chiffchaff and Wood Warbler were singing while, over the mountain peaks, we saw Red-billed Chough and two birds which were probably very distant Golden Eagles. Cuckoo, Song Thrush and Nuthatch were also vocal. Butterflies included Wood White, Brown Argus and Clouded Yellow.

As we explored the area by the stream, a Red Deer fawn was seen by the water. The endemic, large-flowered Camosciara Butterwort (*Pinguicula vallis-regiae*) was flowering well on the far side of the water, and we also found the endemic Trumpet Gentian (*Gentiana dinarica*), Shrubby Milkwort (*Polygala chamaebuxus*), Columbine (*Aquilegia vulgaris*) and the enormous kidney-shaped leaves of Thore's Buttercup (*Ranunculus thora*). We added Lady Orchid (*Orchis purpurea*) and Bird's-nest Orchid (*Neottia nidus-avis*) to our growing orchid list.

We had our picnic near the cafe, with Red Admiral and Round-leaved Saxifrage (*Saxifraga rotundifolia*), before climbing to the waterfalls Cascata delle Tre Cannelle and Cascata delle Ninfe (Cascade of Three Channels and Cascade of the Nymphs). Under the Beech trees we found spikes of Coralroot Orchid (*Corallorhiza trifida*), and we had good views of Grey Wagtail and a glimpse of a Dipper near the waterfall. We slowly retraced our steps down the valley, finding the leaves of White False Helleborine (*Veratrum album*), Apennine Lungwort (*Pulmonaria apennina*) with just a few going-over flowers, and White Helleborine (*Cephalanthera damasonium*) just coming out. Mayflies were around us, a Stonefly was demonstrating its weak flight, and butterflies included Orange Tip and Clouded Yellow. Common Buzzard was seen, and a Red Deer hind crossed the path in front of us. We stopped to admire and photograph a clump of Lady's Slipper Orchids (*Cypripedium calceolus*) flowering by the stream.

We returned to the hotel for an early, delicious dinner, after which we ventured out again, driving north up the valley. Soon after we left the village we saw some Wild Boar in a field and, as we watched, more appeared until we counted 13 adult females and 41 piglets, still with ginger, stripey coats. We watched them for some minutes, as the adults fed and the piglets chased each other through the long grass until, eventually, the sounder disappeared through the hedge to the field beyond. Wild Boar form extended groups, known as sounders, of females of different ages, and young from several litters. We eventually continued to Gioia Vecchio, parking under the trees to scan the valley. In the failing light we saw a solitary Wild Boar, probably a male, and a Roe Deer, before we returned to the hotel after a full but satisfying day.

## Day 3

Saturday 28th May

### Gioia Vecchio; Val Fondillo; Opi

A 6am start saw Luca and some of the group heading north again towards Gioia Vecchio. A Roe Deer was seen from the vehicle. It was a fine but rather cold morning, and the birds were in full song. After some patient watching, a Marsican Brown Bear was seen, very briefly, as it disappeared into the trees. Sadly, it did not reappear. However, a while later another Bear was seen, this time a large male moving slowly along the hedge lines through the valley, allowing excellent, extended views. What an encounter!

Meanwhile, Jessica and other group members were exploring the gardens and small fields near the hotel. A male Common Redstart, Tree Sparrow, Black Redstart and Firecrest all showed very well, allowing good views. We also saw Serin, a party of six Crossbills feeding at the top of some conifers, and a pair of Bullfinch. Hoopoe and Wryneck were heard.

We reconvened for breakfast at the hotel. Our main destination today was Val Fondillo, which is adjacent to Camosciara but very different in character. We parked under some willows, and set off up the track. A Houndstongue, *Cynoglossum montanum*, was in flower by a wall. On a dry slope we found several spikes of the endemic form of Late Spider Orchid (*Ophrys dinarica*, now classified as *Ophrys fuciflora*). We also found an Alyssum, *A. simplex*, with tiny yellow flowers, white Star of Bethlehem (*Ornithogalum umbellatum*), and Dodder (*Cuscuta epithimum*) growing on Wild Thyme (*Thymus oenipontanus*). Butterflies included the brilliantly coloured Adonis Blue, Common Blue, Wood White and Red Underwing Skipper. A little further on we found the endemic lemon-yellow Milkwort *Polygala flavescens*, and yellow-flowered Ground Pine (*Ajuga chamaepitys*), which looks like Pine seedlings. Violet Carpenter Bees were on the wing. Across the valley we had rather distant views of a pair of Red-backed Shrike, then a close-up view of another male. Bonelli's Warbler was singing. On the slopes at the edge of the valley we found the dwarf Hairy Broom (*Cytisus hirsutus*), Rock-rose (*Helianthemum nummularium*) and the smaller flowered Hoary Rock-rose (*Helianthemum oelandicum* subsp. *incanum*), the endemic Pansy *Viola eugeniae*, Bulbous Saxifrage (*Saxifraga bulbifera*) and spikes of Toothed Orchid (*Neotinea tridentata*). Butterflies included Pearl-bordered Fritillary and Green Hairstreak, one of the latter resting obligingly on a Juniper twig, and abundant Berger's and common Clouded Yellows.

A large boulder near the bridge bore an endemic Reddish Saxifrage (*Saxifraga porophylla*) and Rustyback Fern (*Asplenium ceterach*) while Maidenhair Spleenwort (*Asplenium trichomanes*) was growing inside the cave formed by its overhang. Nearby, we found some magnificent spikes of a Military Orchid. We crossed the stream at the bridge to walk up the other side. Bonelli's Warbler was seen well, showing its pale belly, while Sword-leaved Helleborine (*Cephalanthera longifolia*) was flowering under the Beech trees. Horseshoe Vetch (*Hippocrepis comosa*) was scenting the air. We had our picnic in the shade, enjoying local cheeses, hams and wine, with some of the group paddling in the clear stream water - and finding it extremely cold! Further along, we found Columbine (*Aquilegia vulgaris*), and noted Brown Trout in a deep pool. Some of the group explored a steep rocky bank, where we found Fragrant Orchid (*Gymnadenia conopsea*) in flower, the local bellflower Edraianthus (*Edraianthus graminifolius*), and a Matted Globularia (*Globularia meridionalis*). We slowly retraced our steps down the valley where we found many spikes of Early Marsh Orchid (*Dactylorhiza incarnata*) in damp areas, while Watercress (*Nasturtium officinale*) was

flowering in the stream. Two Golden Eagles were seen, soaring over Monte Marsicano. At the Visitor Centre, we enjoyed cool drinks and ice creams.

Leaving the valley, we then took the steep road up to the hill-top village of Opi. We parked on the main street and spent some time exploring and admiring the magnificent views in every direction, and learning a little of the sad history of this village. A Cuckoo flew past the viewpoint, while an Abruzzo Chamois was seen in the Sanctuary area. Scarce Swallowtail butterflies were enjoying the sunny slopes. We returned to the hotel for another delicious meal, and a quiet evening.

## Day 4

Sunday 29th May

### Pescasseroli; Vallone Pesco di Lordo; La Difesa

We woke to another fine morning, and Luca and some of the group did an early local bird walk, reporting the usual suspects, with Wryneck heard but not seen. After breakfast we went into town to view the Infiorata. This event takes place on the feast of Corpus Dominum (nine weeks after Easter, so a variable date). The local people decorate the streets with intricate designs of flower petals, greenery and coloured sawdust, in preparation for special church services and a procession. We only rarely coincide with this event (last seen in 2008), and it was fascinating to see the beautiful results, which are only in place for a day.

We then took the vehicles a short distance to the start of the day's walk in the Difesa forest. We first stopped at a sunny, steep and stony bank, where Luca leapt around with his butterfly net, allowing us close views of Southern Grizzled and Red Underwing Skippers, Lesser Spotted and Queen of Spain Fritillaries, Berger's Clouded Yellow and Green-veined White, all admired briefly before their safe release.

Moving on into the forest, where many of the trees are more mature, we found Reflexed Crane's-bill (*Geranium reflexum*), Round-leaved Saxifrage (*Saxifraga rotundifolia*) abundant on boulders, Herb Paris (*Paris quadrifolia*), Baneberry (*Actaea spicata*), Sweet Woodruff (*Galium odoratum*) and Bastard Agrimony (*Aremonia agrimonioides*). Bonelli's Warbler, Wood Warbler and Chiffchaff were heard. We arrived at a clearing with enormous water troughs, reminding us of the importance of sheep in the past. In the stream a pair of Common Toads were mating, with strings of fresh spawn. A large Birch Sawfly was noted, with another dead one being devoured by ants.

We turned off the track into the Vallone Pesco di Lordo, an open valley, admiring the endemic pansies, an endemic Yellow Alyssum (*Alyssum diffusum*) and the beautiful pink endemic Ashy Crane's-bill (*Geranium austroapenninum*, sometimes known as *G. subcaulescens*). We enjoyed another delicious picnic, enjoying our surroundings and a Common Buzzard. Replete, we moved on, finding our target species, a large clump of the endemic Marsican Iris (*Iris marsica*), a species restricted to this area, although resembling the 'ordinary' Garden Iris (*Iris germanica*). From here, we started a loop back down the valley, enjoying a stony hummock that was bright pink and blue with the Crane's-bill and Forget-me-nots. We also saw a gravid female Western Green Lizard. When we reached the Difesa forest again, we turned up the track to explore this area further, where there are many more mature Beech trees, good for woodpeckers. Unfortunately, we didn't see any, but enjoyed Nuthatch,

Wood Vetch (*Vicia sylvatica*) and Bird's-nest Orchids (*Neottia nidus-avis*), before retracing our steps. On the way down, a Collared Flycatcher was recorded, but it soon flew. Wild Pea (*Pisum sativum*) was noted along the track as we returned to the hotel.

After a break and an excellent dinner, we headed out again, this time in the direction of Opi, where there had been some recent sightings of Wolves. Sadly, we didn't see any, but we did see two Red Foxes, Kestrel, Stonechat and Yellowhammer, and a couple of male, solitary Wild Boar. Most impressive, though, was a large sounder or herd of Wild Boar consisting of a mixture of about a dozen young and older, lactating females, with around 20 piglets of differing ages, many very young and still with their ginger-and-white-striped coats. They kept appearing and disappearing in the long grass. Eventually, as darkness fell, we returned to the hotel.

## Day 5

Monday 30th May

### Val di Rose

This morning, with the promise of fine weather, we decided to do our high walk, up the Val di Rose. Before breakfast a Golden Oriole was singing outside the hotel, eventually tracked down and seen by Stephanie. We made our own picnics today, before leaving at 8.45am. Three Crossbills were feeding in the trees by the car park. We drove back down the Sangro valley, seeing Grey Heron near Opi, and turned at Villetta Barrea to drive up to Civitella Alfedena, our starting point for the walk. We parked above the village and took path I1, which climbed through a patchwork of forest and glades.

Under trees, we noted White Helleborine (*Cephalanthera damasonium*), Bird's-nest Orchid (*Neottia nidus-avis*) and some spikes of Coralroot Orchid (*Corallorhiza trifida*). Chiffchaff and Wood Warbler were singing, with the latter showing well. In open areas, we found Mountain Tragacanth (*Astragalus sempervirens*) in flower. Butterflies included Pearl-bordered Fritillary and Baton Blue, and we also saw the small, black Chimney Sweeper moth. The views back down the valley, over the lake, were stunning, as well as being encouraging, as we could see how much we had climbed. A little further on, we could no longer see the lake but started getting tantalising glimpses of the mountain tops. We found some wolf scat, full of deer hair, and also scats from Fox and Beech/Pine Marten. When we reached the last glade before the tree line, we stopped for a well-deserved rest. From here we could see some distant Chamois on the slopes above, while the glade held the strange plant, Solenanthus (*Solenanthus apenninus*).

Eventually we reached the tree line, emerging into amazing flower-filled meadows. There were carpets of the endemic pansy (*Viola eugeniae*), predominantly in shades of purple, mauve and cream, along with clumps of yellow Heart-leaved Leopard's-bane (*Doronicum columnae*). Intense blues were provided by Spring Gentian (*Gentiana verna*) and the endemic Alpine Wood Forget-me-not (*Myosotis granii*). A boulder held some beautiful specimens of the endemic Reddish Saxifrage (*Saxifraga porophylla*). Reinvigorated by such riches, we climbed a short distance further before having our picnic enjoying the fantastic view. Crag Martins flew overhead, and other birds included Northern Wheatear, Woodlark, Tree Pipit and Red-billed Chough. A Fox approached us, no doubt hoping for handouts.

The stars, however, of this delightful location were the Abruzzo Chamois, of which we saw around 10-12, some giving excellent views. It was a privilege to be able to watch them feeding and resting, apparently unconcerned by our presence. We continued to explore the slopes, enjoying these wildlife encounters. We found Alpine Snowbells (*Soldanella alpina*), and Elder-flowered Orchid (*Dactylorhiza sambucina*), Cobweb Houseleek (*Sempervivum arachnoideum*) and flowering Mezereum (*Daphne mezereum*), and also recorded Rock Thrush. Over the Passo Cavuto (1,942 metres above sea level) we found Alpine Pasque Flower (*Anemone alpina*), Alpine Kidney-vetch (*Anthyllis alpina*), the endemic Trumpet Gentian (*Gentiana dinarica*) and the delightful little Hairy Rock-jasmine (*Androsace villosa*), along with the endemic Cinquefoil *Potentilla rigoana* and Apennine Buttercup (*Ranunculus apenninus*). We also had good views of a pair of Alpine Accentor and another two higher up. As we started our slow descent, we saw two more Rock Thrushes and a Black Kite, plus some very fine Bear's-ears (*Primula auricula*). The wind was rather chilly, so we made our ways down as we were ready, with Stephanie reporting a Green Lizard, and Jim and Elizabeth reporting a pair of them, with the male biting the tail of the female, and also recording Marsh Tit. Eventually, we all reconvened in the village at the Bar della Lince, where we refreshed ourselves with cool drinks, before returning to the hotel and a quiet evening. It was a strenuous day, but everyone really enjoyed it.

## Day 6

Tuesday 31st May

### Gioia Vecchio; Barrea; Passo Godi

The early risers were out this morning at 6am to go to Gioia Vecchio, arriving to be told that we had missed a Bear by literally two minutes - it had been seen as we were parking! What a shame! Three Red Deer, three Roe Deer and an Adriatic Lizard Orchid in perfect condition were some compensation.

After breakfast we left to drive back to the far end of the lake, to the hillside town of Barrea. Four Crossbills were in the conifers by the hotel. We parked in Barrea overlooking the lake, and we could see where we had walked the previous day. Flocks of Swifts were screaming around us. We took the short path which climbs to Barrea Gorge. A Nightingale was singing sporadically in the wind, and Southern White Admiral and Humming-bird Hawk-moth were recorded, along with Salsify (*Tragopogon porrifolius*) and a Perennial Cornflower, (*Centaurea triumfettii*) in white and in as well as the more usual blue-and-pink. At the gorge, Red-billed Choughs were playing in the wind and entering the cave opposite, and Linnets were closer to hand. Plants included Thick-leaved Saxifrage (*Saxifraga callosa*) with dramatic sprays of creamy-white flowers, Live-long Saxifrage (*Saxifraga paniculata*), Burnt Orchid (*Neotinea ustulata*), Cotoneaster (*Cotoneaster integerrimus*) and the tiny Paronychia (*Paronychia kapela*) whose bracts resemble tiny finger-nails (hence its name). A new butterfly for the trip was Safflower Skipper, along with Pearl-bordered Fritillary, Large and Common Wall Browns, and Baton and Little Blues. In a meadow below Barrea, a dark animal was thought at first to be Wild Boar, but when it was joined by two more gingery animals; we decided they were feral pigs.

We returned to the vehicles, dropping down to the lake edge. Here we found Bedstraw Broomrape (*Orobancha caryophylla*), Reversed Clover (*Trifolium resupinatum*) and a fine Adriatic Lizard Orchid (*Himantoglossum adriaticum*), along with Italian Wall Lizard. We moved further along the lake to the picnic site for lunch. Here, the Carp splashing in the shallow waters caused interest, as the males were encouraging the females to spawn. Frogs were croaking, and Great Crested Grebe seen, along with Red Star Thistle (*Centaurea calcitrapa*) and a Rose Chafer.

Two Red Deer stags were grazing very close by, and a Peregrine Falcon flew over, while Luca saw a Western Whip Snake disappearing rapidly into cover.

After lunch, including a local cake in celebration of Derek's birthday, and coffee from the nearby café, we drove north out of Villetta Barrea, climbing towards the Passo Godi. The morning sun had been replaced by increasing cloud and a few light showers. A Red Deer was spotted in a garden as we left the village. We stopped at a road bend, where we noted Man Orchids (*Orchis anthropophora*), Late Spider Orchids (*Ophrys fuciflora*), two endemics, *Centaurea ceraphylla* and *Cirsium lobelii*, neither quite in flower, St. Bernard's Lily (*Anthericum lilago*), the milkwort *Polygala major*, and Sessile Broom (*Cytisophyllum sessilifolium*). Moving on, we passed through the ski resort at Passo Godi and parked beyond, at the start of path Y1, at about 1,550 metres asl. Here we walked along the track and explored the slopes on either side. Birds included good views of three Red-backed Shrikes, Wheatears and Skylark, while Wryneck was heard. The slopes bore stunning displays of both colour forms of Elder-flowered Orchids (*Dactylorhiza sambucina*) and Pale Orchid (*Orchis pallens*). There was also the endemic Tenore's Bugle (*Ajuga tenorei*), and more Spring Gentian (*Gentiana verna*), a yellow Flax (*Linum capitatum*), Chamois Ragwort (*Senecio doronicum*), the endemic bedstraw *Galium magellense*, and *Daphne oleoides*. As we returned, we saw Red Deer by the road near Camosciara, and two Wild Boar near Opi.

We had a quiet evening, catching up on checklists and enjoying another delicious dinner.

## Day 7

## Wednesday 1st June

Gioia Vecchio; Pescasseroli; Castel Mancino; Orchid Meadow; Gioia Vecchio

We left at 6am to return to Gioia Vecchio. En route we saw one Red Deer, and several stags were visible from the watchpoint. We also saw two Roe Deer and three Wild Boar. Another watcher had a glimpse of a male Marsican Brown Bear but, sadly, it disappeared before we could get onto it. However, shortly after, another bear was seen briefly by most group members; this was probably a female, so a different individual from the first sighting. Slightly frustratingly, neither animal showed themselves again, despite our careful scanning, so we returned for breakfast.

Wednesday is market day in Pescasseroli, so we spent some time looking round the town this morning, and doing some shopping, before our visit to Castel Mancino. We drove up to the town cemetery, where we parked under the trees and started our walk. As we climbed through the coniferous woodland, we heard another Wryneck and saw a dark brown Red Squirrel being chased by a Hooded Crow. Near the path we noted Yellow Vetchling (*Lathyrus aphaca*), Italian Catchfly (*Silene italica*), Hemlock (*Conium maculatum*), and Purple Toadflax (*Linaria purpurea*) with some fine Bird's-nest Orchids (*Neottia nidus-avis*) under the trees. There were good views of Bonelli's Warbler plus Coal Tit and Firecrest. The conditions were, unfortunately, not good for butterflies but we recorded Transparent Burnet and Nine-spotted moths, and resting Common and Baton Blues. We enjoyed the views from the top of the hill, and the remains of the mediaeval castle, before returning in a loop through a meadow back to the buses. A Bullfinch was seen by the Cemetery.



We returned to the hotel for our picnic in the dry, and then had time for a siesta. Later in the afternoon we gathered to head north of the town, to a spot just past the Bisegna road junction. This steep but delightful flower-filled meadow is an excellent area both for orchids and (in good weather) for butterflies, and we spent a very enjoyable afternoon exploring its riches. The season with the late frost had affected some species, but there were carpets of Toothed Orchids (*Neotinea tridentata*) and Burnt Orchids (*Neotinea ustulata*) and some fascinating hybrids between them (*Neotinea x dietrichiana*), with a hybrid swarm showing a range of intermediate characteristics. The Nice Milkwort (*Polygala nicaeensis*) here grows in a variety of shades of magenta, blue and white, and the Horseshoe Vetch (*Hippocrepis comosa*) adds yellow. There were also many species of orchids we'd seen elsewhere. Butterflies were just emerging as the weather improved, and we recorded Adonis and Common Blues, together with a Forester Moth. A good find, and a new species for this trip, was Reverdin's Blue. Birds included good views of Yellowhammer and Stonechat, while a Grey Wagtail confused us by perching at the top of a distant tree. We also heard Cirl Bunting singing. Roe Deer was spotted, and we also found a relatively fresh Red Deer skeleton: signs of Wolf activity. The light on the hills was beautiful, but eventually we had to tear ourselves away from this delightful location, to return to the hotel for an early dinner.

We returned to Gioia Vecchio later for one last search, seeing Red Deer stags, Roe Deer and Wild Boar. A dark shape was tracked over a distance on the hillside, but was seen to be a large male Boar. If only .... As darkness fell, we returned to the hotel for our final evening.

## Day 8

Thursday 2nd June

Pescasseroli to Rome and onwards.

We had to make an early start this morning for our return to Rome airport. After breakfast we loaded the buses and said our farewells and thanks to Marco and Geraldine and the staff at Albergo Paradiso, who had looked after us so well. We drove back through the park, still watching, just in case... We had a good journey to Rome, enjoying the scenery and especially the displays of roadside Poppies on the plain. We arrived at the airport, where we said farewell to Luca who had an internal flight, and the rest of us checked in for our journeys home, with many happy memories of the fascinating area that is the Abruzzo National Park.

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## Species Lists

Plants (\* = a species is 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
<b>PTERIDOPHYTES</b>		
<b>Leptosporangiate Ferns</b>		
<b>Aspleniaceae</b>		
<i>Asplenium ceterach</i>	Rustyback	Camosciara
<i>Asplenium ruta-muraria</i>	Wall Rue	Val Fondillo
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	Val Fondillo
<b>Cystopteraceae</b>		
<i>Cystopteris fragilis</i>	Brittle Bladder-fern	La Difesa
<b>Polypodiaceae</b>		
<i>Polypodium vulgare</i> agg.	Common Polypody	La Difesa
<b>GYMNOSPERMS</b>		
<b>Cupressaceae</b>		
<i>Juniperus communis</i>	Common Juniper	Camosciara
<i>Juniperus communis</i> var. <i>saxatilis</i>	Dwarf Juniper	Val di Rose
<b>Pinaceae</b>		
<i>Pinus mugo</i>	Dwarf Mountain Pine	Val di Rose
<i>Pinus nigra</i> subsp. <i>italica</i> *	Villetta Barrea Black Pine	Camosciara
<i>Pinus nigra</i> subsp. <i>nigra</i>	Austrian or Black Pine	Planted
<b>ANGIOSPERMS</b>		
<b>Eu-dicots</b>		
<b>Adoxaceae</b>		
<i>Sambucus ebulus</i>	Dwarf Elder	Camosciara
<i>Sambucus nigra</i>	Elder	Camosciara
<i>Viburnum lantana</i>	Wayfaring Tree	Val Fondillo
<b>Apiaceae</b>		
<i>Aegopodium podagraria</i>	Ground Elder	Camosciara
<i>Anthriscus sylvestris</i>	Cow Parsley	Camosciara
<i>Conium maculatum</i>	Hemlock	Castel Mancino
<i>Eryngium amethystinum</i>	Blue Eryngo	Val Fondillo
<i>Laserpitium siler</i> subsp. <i>siculum</i>	A Sermountain	Val Fondillo
<i>Trinia dalechampii</i>	a Honewort	Val di Rose
<b>Apocynaceae</b>		
<i>Vincetoxicum hirundinaria</i>	Swallow-wort	Val Fondillo
<b>Betulaceae</b>		
<i>Corylus avellana</i>	Hazel	Camosciara
<b>FERNS &amp; ALLIES</b>		
<b>True Ferns</b>		
<b>Spleenwort Family</b>		
<b>Bladder-fern Family</b>		
<b>Polypody Family</b>		
<b>CONIFERS</b>		
<b>Juniper Family</b>		
<b>Pine Family</b>		
<b>FLOWERING PLANTS</b>		
<b>True Dicotyledons</b>		
<b>Moschatel Family</b>		
<b>Carrot Family</b>		
<b>Periwinkle Family</b>		
<b>Birch Family</b>		

Scientific name	Common name	Location
<b>Boraginaceae</b>		
<i>Cynoglossum magellense</i> *	a Hound's-tongue	Vallone Pesco di Lordo (leaves)
<i>Cynoglossum montanum</i>	Mountain Hound's-tongue	Val Fondillo
<i>Cynoglossum officinale</i>	Hound's-tongue	Near Hotel
<i>Cynoglottis barrellieri</i>	an Anchusa (Blue)	Camosciara
<i>Echium vulgare</i>	Viper's-bugloss	Barrea
<i>Echium vulgare</i> subsp. <i>pustulatum</i>	a Viper's-bugloss	Barrea
<i>Myosotis graui</i> *	Alpine Wood Forget-me-not	Near Hotel
<i>Myosotis sylvatica</i>	Wood Forget-me-not	Val Fondillo
<i>Pulmonaria cf apennina</i> *	A Lungwort	Camosciara
<i>Solenanthus apenninus</i> *	Solenanthus	Val di Rose
<b>Brassicaceae</b>		
<i>Alliaria petiolata</i>	Garlic Mustard	Camosciara
<i>Alyssum diffusum</i> *	a Yellow Alyssum	Vallone Pesco di Lordo
<i>Alyssum simplex (minus)</i>	an Alyssum	Camosciara
<i>Arabis caucasica</i>	Alpine Rock-cress	Val di Rose
<i>Arabis hirsuta</i>	Hairy Rock-cress	Val Fondillo
<i>Aubrieta columnae</i> subsp. <i>columnae</i> *	Aubrieta	Camosciara
<i>Barbarea</i> sp.	A Wintercress	Camosciara
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	La Difesa
<i>Cardamine bulbifera</i>	Coralroot	La Difesa
<i>Cardamine chelidonia</i>	a Bitter-cress (Purple)	Camosciara
<i>Cardamine impatiens</i>	Narrow-leaved Bitter-cress	La Difesa
<i>Draba aizoides</i>	Yellow Whitflow-grass	Val di Rose
<i>Erysimum pseudorhaeticum</i> *	a Treacle Mustard	Widespread
<i>Isatis tinctoria</i>	Woad	Roadsides near Camosciara
<i>Nasturtium officinale</i>	Watercress	Val Fondillo
<b>Campanulaceae</b>		
<i>Edraianthus graminifolius</i>	Edraianthus	Val Fondillo
<i>Phyteuma orbiculare</i>	Round-headed Rampion	Val Fondillo
<b>Caprifoliaceae</b>		
<i>Dipsacus fullonum</i>	Wild Teasel	Val Fondillo
<i>Lonicera etrusca</i>	Etruscan Honeysuckle	Val Fondillo
<i>Lonicera xylosteum</i>	Fly Honeysuckle	Camosciara
<i>Valeriana officinalis</i>	Common Valerian	Val Fondillo
<i>Valeriana tripteris</i>	Three-leaved Valerian	Camosciara
<i>Valeriana tuberosa</i>	Tuberous Valerian	Val di Rose
<i>Valerianella locusta</i>	Common Cornsalad	Camosciara
<b>Caryophyllaceae</b>		
<i>Cerastium tomentosum</i>	Snow-in-Summer	Common
<i>Paronychia kapela</i>	a Paronychia	Barrea
<i>Silene conica</i>	Sand Catchfly	Near Hotel
<i>Silene dioica</i>	Red Campion	Camosciara
<i>Silene (Lychnis) flos-cuculi</i>	Ragged Robin	Camosciara
<i>Silene italica</i>	Italian Catchfly	Val Fondillo
<i>Silene latifolia</i>	White Campion	Camosciara
<b>Forget-me-not Family</b>		
<b>Cabbage Family</b>		
<b>Bellflower Family</b>		
<b>Honeysuckle Family</b>		
<b>Pink Family</b>		

Scientific name	Common name	Location
<i>Silene pendula</i> <i>Silene pusilla</i>	Nodding Catchfly an Alpine Catchfly	Above Villetta Barrea Opi
<b>Celastraceae</b> <i>Euonymus europaeus</i>	<b>Spindle Family</b> Spindle Tree	Camosciara
<b>Cistaceae</b> <i>Helianthemum apenninum</i> <i>Helianthemum nummularium</i> <i>Helianthemum oelandicum</i> subsp. <i>incanum</i>	<b>Rock-rose Family</b> White Rockrose Rockrose Hoary Rockrose	Roadsides Val Fondillo Val Fondillo
<b>Compositae (Asteraceae)</b> <i>Adenostyles alpina</i> <i>Bellis perennis</i> <i>Bellis sylvestris</i> <i>Carduus chrysacanthus</i> <i>Carlina acanthifolia</i> <i>Carlina acaulis</i> subsp. <i>simplex</i> <i>Carlina corymbosa</i> <i>Centaurea calcitrapa</i> <i>Centaurea ceratophylla</i> * <i>Centaurea triumfettii</i> <i>Cirsium lobelii</i> * <i>Cirsium tenoreanum</i> <i>Cota tinctoria</i> subsp. <i>australis</i> <i>Doronicum columnae</i> <i>Leucanthemum vulgare</i> <i>Pilosella officinarum</i> <i>Podospermum canum</i> <i>Senecio doronicum</i> <i>Tragopogon porrifolius</i> <i>Tragopogon pratensis</i>	<b>Daisy Family</b> Adenostyles Daisy Southern Daisy Apennine Thistle Acanthus-leaved Carline Thistle "Stemmed" Stemless Carline Thistle Corymbose Carline Thistle Red Star-thistle - A Perennial Cornflower a Thistle a Woolly Thistle Yellow Chamomile Heart-leaved Leopard's-bane Ox-eye Daisy Mouse-eared Hawkweed a Cut-leaved Viper's-grass Chamois Ragwort Salsify A Goat's-beard	Camosciara Common Camosciara Barrea Val Fondillo Val Fondillo Val Fondillo Lago di Barrea Above Villetta Barrea Barrea Above Villetta Barrea Camosciara Barrea Val di Rose Val Fondillo Val Fondillo Roadsides Passo Godi Barrea Roadsides
<b>Convolvulaceae</b> <i>Cuscuta epithymum</i>	<b>Bindweed Family</b> Common Dodder	Val Fondillo
<b>Cornaceae</b> <i>Cornus mas</i> <i>Cornus sanguinea</i>	<b>Dogwood Family</b> Cornelian Cherry Dogwood	Camosciara Camosciara
<b>Crassulaceae</b> <i>Sedum acre</i> <i>Sedum album</i> <i>Sedum dasyphyllum</i> <i>Sedum rupestre</i> <i>Sempervivum arachnoideum</i>	<b>Stonecrop Family</b> Biting Stonecrop White Stonecrop Fat-leaved Stonecrop Rock Stonecrop Cobweb Houseleek	Near Hotel Near Hotel Camosciara Val di Rose Val di Rose
<b>Euphorbiaceae</b> <i>Euphorbia amygdaloides</i> <i>Euphorbia cyparissias</i>	<b>Spurge Family</b> Wood Spurge Cypress Spurge	Camosciara Camosciara

Scientific name	Common name	Location
<i>Euphorbia gasparrinii</i> subsp. <i>samnitica</i> *	An endemic Spurge	Passo Godi
<i>Euphorbia helioscopia</i>	Sun Spurge	Barrea
<i>Euphorbia myrsinites</i>	Glaucous Spurge	Val Fondillo
<b>Fagaceae</b>	<b>Beech Family</b>	
<i>Fagus sylvatica</i>	Beech	Common
<i>Quercus cerris</i>	Turkey Oak	Camosciara
<b>Gentianaceae</b>	<b>Gentian Family</b>	
<i>Gentiana cruciata</i>	Cross Gentian	Camosciara (leaves only)
<i>Gentiana dinarica</i> *	a Trumpet Gentian	Camosciara
<i>Gentiana lutea</i>	Great Yellow Gentian	Passo Godi (leaves)
<i>Gentiana verna</i>	Spring Gentian	Val di Rose
<b>Geraniaceae</b>	<b>Crane's-bill Family</b>	
<i>Erodium cicutarium</i>	Common Stork's-bill	Val Fondillo
<i>Geranium austroapenninum</i> * ( <i>subcaulescens</i> )	Ashy Crane's-bill	Vallone Pesco di Lordo
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	Vallone Pesco di Lordo
<i>Geranium lucidum</i>	Shining Crane's-bill	Camosciara
<i>Geranium macrorrhizum</i>	Rock Crane's-bill	Val di Rose
<i>Geranium purpureum</i>	Little Robin	La Difesa
<i>Geranium pyrenaicum</i>	Hedgerow Crane's-bill	Val Fondillo
<i>Geranium reflexum</i>	Reflexed Crane's-bill	Camosciara
<i>Geranium robertianum</i>	Herb Robert	La Difesa
<b>Grossulariaceae</b>	<b>Gooseberry Family</b>	
<i>Ribes uva-crispa</i>	Gooseberry	La Difesa
<b>Hypericaceae</b>	<b>St. John's-wort Family</b>	
<i>Hypericum perforatum</i>	Perforate St. John's-wort	Val Fondillo (leaves)
<b>Lamiaceae</b>	<b>Deadnettle Family</b>	
<i>Ajuga chamaepitys</i>	Ground Pine	Val Fondillo
<i>Ajuga reptans</i>	Bugle	Val Fondillo
<i>Ajuga tenorei</i> *	Tenore's Bugle	Passo Godi
<i>Clinopodium (Acinos) alpinum</i>	Alpine Basil Thyme	Val Fondillo
<i>Lamiaeum galeobdolon</i>	Yellow Archangel	La Difesa
<i>Lamium album</i>	White Dead-nettle	Camosciara
<i>Lamium garganicum</i>	Large Red Dead-nettle	Near Hotel
<i>Lamium maculatum</i>	Spotted Dead-nettle	Near Hotel
<i>Melittis melissophyllum</i>	Bastard Balm	Camosciara
<i>Mentha aquatica</i>	Water Mint	Val Fondillo
<i>Salvia verbenaca</i>	Wild Clary	Val Fondillo
<i>Stachys germanica</i>	Downy Woundwort	Val Fondillo
<i>Thymus oenipontanus</i>	Wild Thyme	Val Fondillo
<b>Leguminosae (Fabaceae)</b>	<b>Pea Family</b>	
<i>Anthyllis montana</i>	Mountain Kidney Vetch	Val di Rose
<i>Anthyllis vulneraria</i> agg.	Kidney Vetch	Val Fondillo
<i>Astragalus depressus</i>	Sprawling Milk-vetch	La Difesa

Scientific name	Common name	Location
<i>Astragalus monspessulanus</i>	False Vetch	Camosciara
<i>Astragalus sempervirens</i>	Mountain Tragacanth	Val di Rose
<i>Coronilla scorpioides</i>	Annual Scorpion Vetch	Val Fondillo
<i>Cytisophyllum sessilifolium</i>	Sessile Broom	Above Villetta Barrea
<i>Cytisus (Chamaecytisus) hirsutus</i>	Hairy Broom	Val Fondillo
<i>Hippocrepis comosa</i>	Horseshoe Vetch	Val Fondillo
<i>Laburnum anagroides</i>	Laburnum	Camosciara
<i>Lathyrus aphaca</i>	Yellow Vetchling	Camosciara
<i>Lathyrus nissolia</i>	Grass Vetchling	Vallone Pesco di Lordo
<i>Lathyrus setifolius</i>	Red Grass Vetchling	Val Fondillo
<i>Lotus corniculatus</i>	Bird's-foot Trefoil	Val Fondillo
<i>Medicago lupulina</i>	Black Medick	Val Fondillo
<i>Onobrychis alba</i>	a Sainfoin	Barrea
<i>Onobrychis viciifolia</i>	Sainfoin	Roadsides
<i>Pisum sativum</i>	Wild Pea	Near Hotel
<i>Spartium junceum</i>	Spanish Broom	Roadsides
<i>Trifolium incarnatum</i> subsp. <i>molinerii</i>	a Crimson Clover	Barrea
<i>Trifolium pratense</i>	Red Clover	Camosciara
<i>Trifolium repens</i>	White Clover	Camosciara
<i>Trifolium resupinatum</i>	Reversed Clover	Lago di Barrea
<i>Vicia cracca</i>	Tufted Vetch	Val Fondillo
<i>Vicia sylvatica</i>	Wood Vetch	La Difesa
<b>Lentibulariaceae</b>	<b>Butterwort Family</b>	
<i>Pinguicula vallis-regiae</i> *	Camosciara Butterwort	Camosciara
<b>Linaceae</b>	<b>Flax Family</b>	
<i>Linum bienne</i>	Pale Flax	Val Fondillo
<i>Linum capitatum</i>	a Yellow Flax	Passo Godi
<i>Linum catharticum</i>	Fairy (Purging) Flax	Val Fondillo
<b>Malvaceae</b>	<b>Mallow Family</b>	
<i>Malva moschata</i>	Musk Mallow	Lago di Barrea
<b>Oleaceae</b>	<b>Olive Family</b>	
<i>Fraxinus ornus</i>	Flowering Ash	Roadsides
<b>Orobanchaceae</b>	<b>Broomrape Family</b>	
<i>Euphrasia</i> agg.	Eyebright	Val Fondillo
<i>Orobanche alba</i>	Thyme Broomrape	Val Fondillo
<i>Orobanche caryophyllacea</i>	Bedstraw Broomrape	Lago di Barrea
<i>Pedicularis hoermanniana</i>	a Leafy Lousewort	Camosciara
<i>Rhinanthus alectorolophus</i>	Greater Yellow Rattle	Barrea
<i>Rhinanthus minor</i> agg.	Yellow Rattle	Val Fondillo
<b>Papaveraceae</b>	<b>Poppy Family</b>	
<i>Chelidonium majus</i>	Greater Celandine	Val Fondillo
<i>Papaver rhoeas</i>	Common Poppy	Roadsides

Scientific name	Common name	Location
<b>Plantaginaceae</b>		
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	Val Fondillo
<i>Digitalis ferruginea</i>	Brown Foxglove	Camosciara (leaves)
<i>Globularia meridionalis</i>	a Matted Globularia	Val Fondillo
<i>Globularia vulgaris</i>	Common Globularia	Camosciara
<i>Linaria purpurea</i>	Purple Toadflax	Barrea
<i>Plantago atrata</i>	Dark Plantain	Val di Rose
<i>Plantago media</i>	Hoary Plantain	Common
<i>Veronica beccabunga</i>	Brooklime	Val Fondillo
<i>Veronica chamaedrys</i>	Germander Speedwell	Val Fondillo
<i>Veronica officinalis</i>	Heath Speedwell	Val Fondillo
<i>Veronica orsiniana</i>	a Speedwell	Vallone Pesco di Lordo
<b>Plumbaginaceae</b>		
<i>Armeria canescens</i>	Plantain-leaved Thrift	Camosciara
<b>Polygalaceae</b>		
<i>Polygala alpestris</i>	Mountain Milkwort	Val di Rose
<i>Polygala chamaebuxus</i>	Shrubby Milkwort	Camosciara
<i>Polygala flavescens*</i>	A Yellow Milkwort	Val Fondillo
<i>Polygala major</i>	A Milkwort	Above Villetta Barrea
<i>Polygala nicaeensis</i>	Nice Milkwort	Camosciara
<i>Polygala vulgaris</i>	Common Milkwort	Val Fondillo
<b>Primulaceae</b>		
<i>Androsace villosa</i>	Ciliate Rock-jasmine	Val di Rose
<i>Primula auricula</i>	Bear's-ear	Val di Rose
<i>Primula vulgaris</i>	Primrose	Val Fondillo
<i>Soldanella alpina</i>	Alpine Snowbell	Val di Rose
<b>Ranunculaceae</b>		
<i>Actea spicata</i>	Baneberry	La Difesa
<i>Anemone (Pulsatilla) alpina</i>	Alpine Pasque Flower	Val di Rose
<i>Anemone apennina</i>	Blue Anemone	La Difesa (leaves)
<i>Aquilegia vulgaris</i>	Columbine	Camosciara
<i>Delphinium fissum</i>	a Delphinium	Camosciara (leaves only)
<i>Ficaria verna</i> agg.	Lesser Celandine	Val di Rose
<i>Helleborus foetidus</i>	Stinking Hellebore	Camosciara
<i>Hepatica nobilis</i>	Hepatica	Camosciara (leaves only)
<i>Ranunculus apenninus</i>	Apennine Buttercup	Val di Rose
<i>Ranunculus lanuginosus</i>	A Buttercup	La Difesa
<i>Ranunculus monspeliacus</i>	-	Val Fondillo
<i>Ranunculus thora</i>	Thore's Buttercup	Camosciara
<i>Thalictrum aquilegifolium</i>	Great Meadow-rue	Camosciara
<b>Resedaceae</b>		
<i>Reseda lutea</i>	Wild Mignonette	Lago di Barrea
<b>Rhamnaceae</b>		
<i>Rhamnus alpinus</i>	Alpine Buckthorn	Vallone Pesco di Lordo

Scientific name	Common name	Location
<i>Rhamnus saxatilis</i>	Rock Buckthorn	Barrea
<b>Rosaceae</b>	<b>Rose Family</b>	
<i>Alchemilla alpina</i>	Alpine Lady's Mantle	Camosciara
<i>Alchemilla cf. colorata</i>	a Lady's Mantle	La Difesa
<i>Aremonia agrimonoides</i>	Bastard Agrimony	La Difesa
<i>Cotoneaster integerrimus</i>	Wild Cotoneaster	Barrea
<i>Crataegus monogyna</i>	Hawthorn	Camosciara
<i>Fragaria vesca</i>	Wild Strawberry	Camosciara
<i>Geum urbanum</i>	Wood Avens	Camosciara
<i>Malus sylvestris</i>	Crab Apple	Camosciara
<i>Potentilla detommasii</i>	A Sulphur Cinquefoil	Val Fondillo
<i>Potentilla rigoana*</i>	a Cinquefoil	Val di Rose
<i>Prunus mahaleb</i>	St. Lucie's Cherry	Near Hotel
<i>Prunus spinosa</i>	Blackthorn	Camosciara
<i>Pyrus pyraeaster</i>	Wild Pear	Camosciara
<i>Rosa canina</i> agg.	Dog Rose	Camosciara
<i>Rubus fruticosus</i> agg.	Bramble	Camosciara
<i>Rubus idaeus</i>	Raspberry	Near Hotel
<i>Sanguisorba minor</i>	Salad Burnet	Camosciara
<i>Sorbus aria</i>	Whitebeam	Val di Rose
<b>Rubiaceae</b>	<b>Bedstraw Family</b>	
<i>Cruciata laevipes</i>	Crosswort	Common
<i>Galium aparine</i>	Cleavers	Camosciara
<i>Galium magellense*</i>	A Bedstraw	Passo Godi
<i>Galium mollugo</i>	Hedge Bedstraw	Barrea
<i>Galium odoratum</i>	Woodruff	Camosciara
<i>Sherardia arvensis</i>	Field Madder	Camosciara
<b>Salicaceae</b>	<b>Willow Family</b>	
<i>Salix alba</i>	White Willow	Val Fondillo
<i>Salix caprea</i>	Goat Willow	Val Fondillo
<i>Salix purpurea</i>	Purple Willow	Val Fondillo
<b>Santalaceae</b>	<b>Sandalwood Family</b>	
<i>Thesium divaricatum</i>	A Bastard Toadflax	Val Fondillo
<i>Viscum album</i>	Mistletoe	Val Fondillo
<b>Sapindaceae</b>	<b>Maple Family</b>	
<i>Acer campestre</i>	Field Maple	Camosciara
<i>Acer monspessulanum</i>	Montpelier Maple	Camosciara
<i>Acer opalus</i>	Italian Maple	Val Fondillo
<i>Acer pseudoplatanus</i>	Sycamore	Gioia Vecchio
<b>Saxifragaceae</b>	<b>Saxifrage Family</b>	
<i>Saxifraga bulbifera</i>	Bulbous Saxifrage	Val Fondillo
<i>Saxifraga callosa</i>	Thick-leaved Saxifrage	Barrea
<i>Saxifraga granulata</i>	Meadow Saxifrage	Near Hotel
<i>Saxifraga paniculata</i>	Live-long Saxifrage	Barrea



Scientific name	Common name	Location
<i>Saxifraga porophylla</i> *	Reddish Saxifrage	Val di Rose
<i>Saxifraga rotundifolia</i>	Round-leaved Saxifrage	Camosciara
<i>Saxifraga tridactylites</i>	Rue-leaved Saxifrage	Camosciara
<b>Scrophulariaceae</b>	<b>Figwort Family</b>	
<i>Scrophularia scopolii</i>	Italian Figwort	La Difesa
<i>Scrophularia vernalis</i>	Yellow Figwort	Val Fondillo
<i>Verbascum mallophorum</i>	a large branched Mullein	Camosciara (leaves only)
<b>Thymelaeaceae</b>	<b>Daphne Family</b>	
<i>Daphne laureola</i>	Spurge Laurel	Camosciara
<i>Daphne mezereum</i>	Mezereon	Val di Rose
<i>Daphne oleoides</i>	-	Val di Rose (leaves), Passo Godi
<b>Urticaceae</b>	<b>Nettle Family</b>	
<i>Urtica dioica</i>	Nettle	Common
<b>Violaceae</b>	<b>Violet Family</b>	
<i>Viola alba</i> subsp. <i>dehnhardtii</i>	A Violet (common)	Camosciara
<i>Viola arvense</i>	Field Pansy	Camosciara
<i>Viola eugeniae</i> *	a Pansy	Common
<i>Viola riviniana</i>	Common Dog Violet	Val di Rose
<b>Monocots</b>	<b>Monocotyledons</b>	
<b>Amaryllidaceae</b>	<b>Daffodil Family</b>	
<i>Allium saxatile</i>	Rock Onion	Opi
<i>Allium</i> sp.		Val di Rose
<b>Araceae</b>	<b>Arum Family</b>	
<i>Arum italicum</i> subsp. <i>neglectum</i>	Large Cuckoo Pint	Val di Rose
<b>Asparagaceae</b>	<b>Asparagus Family</b>	
<i>Anthericum liliago</i>	St. Bernards Lily	Above Villetta Barrea
<i>Leopoldia (Muscari) comosum</i>	Tassel Hyacinth	Val Fondillo
<i>Muscari neglecta</i>	Dark Grape Hyacinth	Val Fondillo
<i>Ornithogalum umbellatum</i>	Common Star of Bethlehem	Val Fondillo
<i>Polygonatum multiflorum</i>	Solomon's Seal	Near Hotel
<i>Scilla bifolia</i>	Alpine Squill	Val di Rose (over)
<b>Colchicaceae</b>	<b>Autumn Crocus Family</b>	
<i>Colchicum lusitanum</i>	an Autumn Crocus	Camosciara (in seed)
<b>Cyperaceae</b>	<b>Sedge Family</b>	
<i>Carex caryophyllea</i>	Spring Sedge	Val di Rose
<b>Iridaceae</b>	<b>Iris Family</b>	
<i>Crocus vernus</i>	Spring Crocus	Val di Rose
<i>Iris marsica</i> *	Marsican Iris	Vallone Pesco di Lordo

Scientific name	Common name	Location
<b>Melanthiaceae</b>		
<i>Paris quadrifolia</i>	Herb Paris	La Difesa
<i>Veratrum album</i> subsp. <i>lobelianum</i>	White False Helleborine	Camosciara (leaves only)
<b>Orchidaceae</b>		
<i>Anacamptis morio</i>	Green-winged Orchid	Camosciara
<i>Cephalanthera damasonium</i>	White Helleborine	Camosciara
<i>Cephalanthera longifolia</i>	Sword-leaved Helleborine	Val Fondillo
<i>Corallorhiza trifida</i>	Coralroot Orchid	Camosciara
<i>Cypripedium calceolus</i>	Lady's Slipper Orchid	Camosciara
<i>Dactylorhiza fuchsii</i>	Common Spotted Orchid	Val Fondillo
<i>Dactylorhiza incarnata</i>	Early Marsh Orchid	Val Fondillo
<i>Dactylorhiza sambucina</i>	Elder-flowered Orchid	Passo Godi
<i>Epipactis atrorubens</i>	Dark Red Helleborine	Val Fondillo
<i>Epipactis helleborine</i>	Broad-leaved Helleborine	La Difesa (leaves)
<i>Gymnadenia conopsea</i> agg	Fragrant Orchid	Val Fondillo
<i>Himantoglossum adriaticum</i>	Adriatic Lizard Orchid	Lago di Barrea
<i>Neotinea (Orchis) tridentata</i>	Toothed Orchid	Val Fondillo
<i>Neotinea (Orchis) ustulata</i>	Burnt Orchid	Barrea
<i>Neotinea x dietrichiana (N.tridentata x ustulata)</i>	Hybrid	Orchid Meadow
<i>Neottia ovata</i>	Twayblade	Camosciara
<i>Neottia nidus-avis</i>	Bird's Nest Orchid	Camosciara
<i>Ophrys fuciflora</i> subsp. <i>fuciflora</i>	Late Spider Orchid	Above Villetta Barrea
<i>Ophrys fuciflora</i> subsp. <i>fuciflora (O. dinarica)</i>	A Late Spider Orchid	Val Fondillo
<i>Ophrys insectifera</i>	Fly Orchid	Camosciara
<i>Ophrys sphegodes</i> subsp. <i>sphgodes</i>	Early Spider Orchid	Gioia Vecchio
<i>Orchis anthropophora</i>	Man Orchid	Above Villetta Barrea
<i>Orchis mascula</i> subsp. <i>speciosa (O. ovalis)</i>	an Early Purple Orchid	Camosciara
<i>Orchis militaris</i>	Military Orchid	Camosciara
<i>Orchis pallens</i>	Pale-flowered Orchid	Passo Godi
<i>Orchis purpurea</i>	Lady Orchid	Camosciara
<b>Poaceae</b>		
<i>Festuca glauca</i>	Blue Fescue	Near Hotel
<i>Festuca vivipara</i>	Viviparous Fescue	Val Fondillo

**FUNGI****Lecanoromycetes***Lobaria pulmonaria***LICHENS**

Lungwort

Camosciara

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

	Common name	Scientific name	May/June						
			26	27	28	29	30	31	1
1	Mallard	<i>Anas platyrhynchos</i>				✓	✓		
2	Great Crested Grebe	<i>Podiceps cristatus</i>						✓	
3	Grey Heron	<i>Ardea cinerea</i>					1	1	
4	Golden Eagle	<i>Aquila chrysaetos</i>		2	2	1			
5	Black Kite	<i>Milvus migrans</i>					1		
6	Common Buzzard	<i>Buteo buteo</i>		✓	✓	✓		✓	
7	Eurasian Coot	<i>Fulica atra</i>						✓	

	Common name	Scientific name	May/June						
			26	27	28	29	30	31	1
8	Yellow-legged Gull	<i>Larus michahellis</i>	✓						
9	Rock Dove/Feral Pigeon	<i>Columba livia</i>	✓		✓	✓	✓	✓	✓
10	Common Wood Pigeon	<i>Columba palumbus</i>	✓	✓	✓	✓	✓	✓	✓
11	Common Cuckoo	<i>Cuculus canorus</i>		H	H+1	H	H	H	H
12	Tawny Owl	<i>Strix aluco</i>		H		H	H		H
13	Common Swift	<i>Apus apus</i>	✓	✓	✓	✓	✓	✓	✓
14	European Bee-eater	<i>Merops apiaster</i>	4						
15	Eurasian Hoopoe	<i>Upupa epops</i>		H	H		H	H	H
16	Eurasian Wryneck	<i>Jynx torquilla</i>		H	H	H	H	H	H
17	Great Spotted Woodpecker	<i>Dendrocopos major</i>		H				1	
18	European Green Woodpecker	<i>Picus viridis</i>			1	H	H	1	
19	Common Kestrel	<i>Falco tinnunculus</i>	✓					✓	
20	Peregrine Falcon	<i>Falco peregrinus</i>						✓	
21	Red-backed Shrike	<i>Lanius collurio</i>			3	1		3	1
22	Eurasian Golden Oriole	<i>Oriolus oriolus</i>					1		
23	Eurasian Jay	<i>Garrulus glandarius</i>		✓	✓		✓	✓	
24	Common Magpie	<i>Pica pica</i>	✓	✓	✓	✓	✓	✓	✓
25	Red-billed Chough	<i>Pyrrhocorax pyrrhocorax</i>		✓			✓	✓	
26	Hooded Crow	<i>Corvus cornix</i>	✓	✓	✓	✓	✓	✓	✓
27	Northern Raven	<i>Corvus corax</i>			✓				
28	Coal Tit	<i>Parus ater</i>		✓	✓	✓	✓	✓	✓
29	Marsh Tit	<i>Poecile palustris</i>				H	1		1
30	Eurasian Blue Tit	<i>Cyanistes caeruleus</i>		✓	✓	✓	✓	✓	✓
31	Great Tit	<i>Parus major</i>		✓	✓	✓	✓	✓	✓
32	Woodlark	<i>Lullula arborea</i>					1		1
33	Eurasian Skylark	<i>Alauda arvensis</i>						✓	
34	Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓	✓	✓	✓
35	Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>		LO			✓	✓	✓
36	Common House Martin	<i>Delichon urbicum</i>	✓	✓	✓	✓	✓	✓	✓
37	Long-tailed Tit	<i>Aegithalos caudatus</i>		2	1			✓	✓
38	Common Chiffchaff	<i>Phylloscopus collybita</i>		✓	✓	✓	✓	✓	✓
39	Western Bonelli's Warbler	<i>Phylloscopus bonelli</i>		H	✓	✓	✓	✓	✓
40	Wood Warbler	<i>Phylloscopus sibilatrix</i>		H		✓	✓		
41	Eurasian Blackcap	<i>Sylvia atricapilla</i>		✓	✓	✓	✓	✓	✓
42	Common Firecrest	<i>Regulus ignicapillus</i>		✓	✓	✓	✓	✓	✓
43	Eurasian Wren	<i>Troglodytes troglodytes</i>		✓	✓	✓	✓	✓	✓
44	Eurasian Nuthatch	<i>Sitta europaea</i>		✓	2	✓	✓	H	
45	Common Starling	<i>Sturnus vulgaris</i>	✓	✓	✓	✓	✓	✓	✓
46	Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓	✓	✓	✓
47	Song Thrush	<i>Turdus philomelos</i>		H	✓	✓	H	H	H
48	Mistle Thrush	<i>Turdus viscivorus</i>						✓	
49	European Robin	<i>Erithacus rubecula</i>		✓	✓	✓	✓	✓	✓
50	Common Nightingale	<i>Luscinia megarhynchos</i>	H					H	
51	Black Redstart	<i>Phoenicurus ochruros</i>		LO	✓	✓	✓	✓	✓
52	Common Redstart	<i>Phoenicurus phoenicurus</i>		✓	✓	✓	✓	✓	✓
53	European Stonechat	<i>Saxicola torquata</i>				✓			1
54	Northern Wheatear	<i>Oenanthe oenanthe</i>					✓	✓	
55	Common Rock Thrush	<i>Monticola saxatilis</i>					2		

	Common name	Scientific name	May/June						
			26	27	28	29	30	31	1
56	Collared Flycatcher	<i>Ficedula albicollis</i>				1			
57	White-throated Dipper	<i>Cinclus cinclus</i>		✓					
58	Italian Sparrow	<i>Passer italiae</i>	✓	✓	✓	✓	✓	✓	✓
59	Eurasian Tree Sparrow	<i>Passer montanus</i>		✓	✓	✓	✓	✓	✓
60	Alpine Accentor	<i>Prunella collaris</i>					4		
61	Dunnock	<i>Prunella modularis</i>							
62	Grey Wagtail	<i>Montacilla cinerea</i>		2					
63	White Wagtail	<i>Montacilla alba</i>		✓	✓	✓	✓	✓	✓
64	Meadow Pipit	<i>Anthus pratensis</i>							1
65	Tree Pipit	<i>Anthus trivialis</i>					✓		
66	Water Pipit	<i>Anthus spinoletta</i>					✓		
67	Common Chaffinch	<i>Fringilla coelebs</i>		✓	✓	✓	✓	✓	✓
68	Hawfinch	<i>Coccothraustes coccothraustes</i>		2					
69	Eurasian Bullfinch	<i>Pyrrhula pyrrhula</i>		2	3	✓			1
70	European Greenfinch	<i>Chloris chloris</i>		✓	✓	✓	✓		✓
71	Common Linnet	<i>Linaria cannabina</i>			1		✓	✓	
72	Red Crossbill	<i>Loxia curvirosta</i>		2	6		3	4	3
73	European Goldfinch	<i>Carduelis carduelis</i>		✓	✓	✓	✓	✓	✓
74	European Serin	<i>Serinus serinus</i>		✓	✓	✓	✓	✓	✓
75	Corn Bunting	<i>Miliaria calandra</i>		2	1			H	H
76	Yellowhammer	<i>Emberiza citrinella</i>		H	H	✓		2	✓
77	Rock Bunting	<i>Emberiza cia</i>							2
78	Cirl Bunting	<i>Emberiza cirlus</i>		H	H	H			H

## Mammals (D= Droppings;S = Sign)

1	Mole	<i>Talpa sp.</i>				S	S	S	
2	Red Fox	<i>Vulpes vulpes</i>				2	1		
3	Apennine Wolf	<i>Canis lupus italicus</i>					D		
4	Marsican Brown Bear	<i>Ursus arctos marsicanus</i>			2				2
5	Pine Marten	<i>Martes martes</i>					D		
6	Red Deer	<i>Cervus elaphus</i>		3	2			8	18
7	Roe Deer	<i>Capreolus capreolus</i>		1	1			3	4
8	Apennine or Abruzzo Chamois	<i>Rupicapra pyrenaica ornata</i>		1			c10		
9	Wild Boar	<i>Sus scrofa</i>		c55	1	c35		2	5
10	Feral Pig							4	
11	Red Squirrel	<i>Sciurus vulgaris</i>						2	

## Reptiles &amp; Amphibians (D = dead; LO = Leader only)

1	Common Toad	<i>Bufo bufo</i>				2			
2	Agile Frog	<i>Rana dalmatina</i>		1		1			
3	cf Italian Hybrid Frog	<i>cf Pelophylax kl. hispanica</i>						H	
4	Green Lizard	<i>Lacerta viridis</i>		1		1	3		
5	Common Wall Lizard	<i>Podarcis muralis</i>		✓	✓	✓	✓	✓	
6	Italian Wall Lizard	<i>Podarcis sicula</i>						✓	
7	Slow Worm	<i>Anguis fragilis</i>						LO	
8	Western Whip Snake	<i>Hierophis viridiflavus</i>						LO	Dead

	Common name	Scientific name	May/June						
			26	27	28	29	30	31	1

## Fish

1	Brown Trout	<i>Salmo trutta</i>		✓	✓				
2	Common Carp	<i>Cyprinus carpio</i>						✓	

## Butterflies

1	Scarce Swallowtail	<i>Iphiclides podalirius</i>		✓	✓		✓	✓	
2	Large White	<i>Pieris brassicae</i>		✓	✓	✓	✓	✓	
3	Small White	<i>Pieris rapae</i>		✓	✓	✓	✓	✓	✓
4	Green-veined White	<i>Pieris napi</i>		✓	✓	✓	✓	✓	✓
5	Eastern Bath White	<i>Pontia edusa</i>						✓	
6	Orange Tip	<i>Anthocharis cardamines</i>		✓	✓	✓		✓	
7	Clouded Yellow	<i>Colias crocea</i>		✓	✓	✓	✓	✓	✓
8	Berger's Clouded Yellow	<i>Colias alfacariensis</i>		✓	✓	✓	✓	✓	
9	Brimstone	<i>Gonepteryx rhamni</i>		✓		✓	✓		
10	Wood White	<i>Leptidea sinapis</i>		✓	✓	✓	✓	✓	
11	Green Hairstreak	<i>Callophrys rubi</i>			✓				
12	Little Blue	<i>Cupido minimus</i>		✓	✓			✓	
13	Baton Blue	<i>Pseudophilotes baton</i>					✓	✓	✓
14	Reverdin's Blue	<i>Plebejus argyrognomon</i>							✓
15	Brown Argus	<i>Aricia agestis</i>		✓	✓	✓	✓	✓	
16	Mazarine Blue	<i>Cyaniris semiargus</i>			✓				
17	Adonis Blue	<i>Polyommatus bellargus</i>			✓			✓	✓
18	Common Blue	<i>Polyommatus icarus</i>		✓	✓	✓	✓	✓	✓
19	Southern White Admiral	<i>Limenitis reducta</i>						✓	
20	Peacock Butterfly	<i>Aglais (Inachis) io</i>						✓	
21	Red Admiral	<i>Vanessa atalanta</i>		✓	✓	✓		✓	
22	Painted Lady	<i>Vanessa cardui</i>		✓	✓		✓		
23	Comma Butterfly	<i>Polygonia c-album</i>				LO			
24	Queen of Spain Fritillary	<i>Issoria lathonia</i>				✓			
25	Pearl-bordered Fritillary	<i>Boloria euphrosyne</i>			✓		✓	✓	✓
26	Glanville Fritillary	<i>Melitaea cinxia</i>		✓	✓	✓	✓	✓	
27	Lesser Spotted Fritillary	<i>Melitaea trivia</i>				✓			
28	Meadow Brown	<i>Maniola jurtina</i>							
29	Small Heath	<i>Coenonympha pamphilus</i>		✓	✓	✓	✓	✓	✓
30	Speckled Wood	<i>Pararge aegeria</i>		✓	✓	✓	✓		
31	Wall Brown	<i>Lasiommata megera</i>		✓	✓		✓	✓	
32	Large Wall Brown	<i>Lasiommata maera</i>					✓	✓	
33	Southern Grizzled Skipper	<i>Pyrgus malvoides</i>				✓			
34	Safflower Skipper	<i>Pyrgus carthami</i>						✓	
35	Red Underwing Skipper	<i>Spialia sertorius</i>		✓	✓	✓			
36	Dingy Skipper	<i>Erynnis tages</i>		✓	✓	✓			

## Micros moths

1	Grass-moth spp	<i>Crambidae sp.</i>						✓	
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	Common name	Scientific name	May/June						
			26	27	28	29	30	31	1

## Macros moths (L = larvae)

1	Forester	<i>Adscita statices</i>							✓	
2	Transparent Burnet	<i>Zygaena purpuralis</i>							✓	
3	Grass Eggar	<i>Lasiocampa trifolii</i>						L		
4	An Eggar	<i>Eriogaster catax</i>						L		
5	Treble-bar	<i>Aplocera plagiata</i>				✓				
6	Chimney Sweeper	<i>Odezia atrata</i>						✓		
7	Speckled Yellow	<i>Pseudopanthera macularia</i>						✓		
8	Humming-bird Hawk-moth	<i>Macroglossum stellatarum</i>							✓	✓
9	The Tiger	<i>Atlantartia tigrina</i>		L						
10	Nine-spotted	<i>Amata phegea</i>								✓
11	Mother Shipton	<i>Callistege mi</i>						✓	✓	

## Other invertebrates

1	Mayfly	<i>Ephemera sp.</i>		✓	✓					
2	Red-veined Darter	<i>Sympetrum fonscolombii</i>								✓
3	Stonefly	<i>Perlidae sp.</i>		✓	✓					
4	Field Cricket	<i>Gryllus campestris</i>		H	H	✓	H	H		✓
5	Blue Shield Bug	<i>Zicrona caerulea</i>			✓					
6	Gendarme Bug	<i>Pyrrhocoris apterus</i>							✓	
7	Ascalaphid	<i>Libelloides coccajus</i>						✓		✓
8	Bee Fly	<i>cf Bombylius major</i>							✓	
9	Birch Sawfly	<i>Cimbex femoratus</i>				✓				
10	Violet Carpenter Bee	<i>Xylocopa violacea</i>		✓	✓				✓	
11	Honey Bee	<i>Apis mellifera</i>							✓	
12	White-tailed Bumblebee	<i>Bombus lucorum</i>		✓	✓	✓	✓	✓		
13	Red-tailed Bumblebee	<i>Bombus lapidarius</i>			✓					
14	Common Carder Bee	<i>Bombus pascuorum</i>		✓	✓	✓	✓	✓		
15	Green Tiger Beetle	<i>Cicindela campestris</i>						✓		
16	A Ground Beetle	<i>Carabus coriaceus</i>								✓
17	Rose Chafer	<i>Cetonia aurata</i>							✓	
18	Click Beetle sp.	<i>Elateridae sp.</i>				✓				
19	7-Spot Ladybird	<i>Coccinella 7-punctata</i>		✓	✓					
20	Green Leaf beetle	<i>Cryptocephalus hypochaeridis</i>							✓	
21	Millipede	<i>cf Tachypodoiulus niger</i>							✓	
22	Ladybird Spider	<i>Eresus niger</i>				✓				



Group Photo