

The Apennines: Italy's Abruzzo National Park

Naturetrek Tour Report

26 May - 2 June 2010



Cascata di Tre Cannalle, Camosciara



Narrow-bordered Bee Hawkmoth



Lady Orchid



Firecrest

Report compiled by Jessica Turner and Lee Morgan

Images by Lee Morgan



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Summary:

Our sixth visit over the years, to the Abruzzo National Park in the central Apennines of Italy, proved as exciting as ever, with some great opportunities for mammal watching, together with a wide selection of birds, butterflies and flowers. The undoubted highlights were the Marsican Brown Bears, which we were able to watch in the valley from the church at Gioia Vecchio as the animals moved across the hillside, through the patchwork of meadow, scrub and trees, providing the photographers with some great photographic opportunities. We also had the much rarer sight of a Wolf, eating part of a Red Deer carcass. Red Deer and Wild Boar provided a supporting cast, as did the Abruzzo Chamois when we walked up the Valle di Rose.

This year, the area had suffered a very long, cold wet spring, with the result that many of the plants were at least two weeks behind. However, there had been less snow than in some years, so at higher levels, surprisingly, many flowers were further forward than expected. The weather settled into warm sunny conditions a few days before our arrival, so many of the butterflies we saw were very fresh specimens. Our hosts Geraldine and Marco, as ever, provided a warm welcome and excellent hospitality, introducing us to several local specialities.

Day 1

Wednesday 26th May

Weather: sunny and warm

Jessica and Lee met some of the group at Heathrow for the 7.10 flight to Rome, while the rest flew from Gatwick, arriving at the same time. After some initial delays we loaded the buses and negotiated the Rome ringroad, heading eastwards on the A24 towards Pescara. En route, we passed the typical hilltop villages of the Apennine foothills. Turning off the autostrada at Pescara, we were diverted via Bisegna due to the closure of the road because of a landslide, but we enjoyed the scenery of this alternative route into the Abruzzo National Park.

We drove through Pescasseroli, and soon arrived at the Albergho Paradiso, where Geraldine and Marco gave us a very warm welcome. We had time to settle in, before going out for a gentle walk from the hotel up past the Fonte Fracassi, the spring which gives its name to the road. Some of the mulleins by the carpark had been decimated, probably by the Mullein Moth, but a quick search of one of the plants produced two Hawthorn Shield Bugs (but no caterpillar). Serins were chattering at the tops of the trees, and Blackcap, Redstart and Black Redstart were noted. Snow-in-summer (*Cerastium tomentosum*) and the endemic Treacle Mustard (*Erysimum pseudorhaeticum*) were in flower and we soon came across a delightful bank of the endemic pansy *Viola eugeniae*, together with Meadow Saxifrage (*Saxifraga granulata*) and the blue Anchusa, *Cynoglossis barrelieri*. As we continued up the path, Bee-eaters were heard, and two flew overhead, followed later by a party of six, flying much higher. Eventually we made our way back down to the hotel, where we met in the lounge and Jessica outlined the week, before we enjoyed an excellent dinner.

Day 2

Thursday 27th May

Weather: fine & sunny

We were delighted to wake up to a beautifully sunny day and a group were out before breakfast to explore the local surroundings of the track and meadows round the hotel. Common Redstart, Black Redstart, Wryneck, Peregrine Falcon and Serin were amongst the birds seen and heard.

After breakfast we headed for Pescasseroli, where Jessica and Lee bought the bread for the picnic, before heading off for Camosciara, one of the most popular valleys in the Park, surrounded by high mountain peaks and crags. We scanned the hillsides, finding a large herd of Red Deer. We then set off along the road to explore the meadows and scrub of the lower valley. Among the Juniper (*Juniperus communis*), Hawthorn (*Crataegus monogyna*), Blackthorn (*Prunus spinosa*) and Wild Pear (*Pyrus pyraster*) scrub, we found many spikes of Nice Milkwort (*Polygala niceaeensis*), Common Globularia (*Globularia punctata*) and Twayblade (*Neottia ovalis*), and a few spikes of Ground Pine (*Ajuga chamaepitys*) were noted. A Red-backed Shrike was seen. In more open areas, Common Star of Bethlehem (*Ornithogalum angustifolium*) was in flower, together with Dark Grape Hyacinth (*Muscari neglectum*) and the very dwarf Hairy Broom (*Chamaecytisus hirsutus*). The trees lining the road included Dogwood (*Cornus sanguinea*), Cornelian Cherry (*Cornus mas*), Turkey Oak (*Quercus cerris*), and Goat Willow (*Salix caprea*). Another scan of the hillside showed another herd of Red Deer, this one including fawns, while a rock to the right was, in fact, a Golden Eagle. A second Golden Eagle, a Peregrine Falcon and a Kestrel were also seen there.

By the stream, a clump of Lady's-slipper Orchids (*Cypripedium calceolus*) was just coming into perfect bloom, and Lady Orchids (*Orchis purpurea*), and Sword-leaved Helleborine (*Cephalanthera longifolia*) were found nearby. This area also supported a patch of the endemic Trumpet Gentian (*Gentiana dinarica*), Herb Paris (*Paris quadrifolia*), Shrubby Milkwort (*Polygala chamaebuxus*) with its yellow or red and white flowers, and Thore's Buttercup (*Ranunculus thora*), with enormous kidney-shaped leaves. Wood White, Eastern Bath White, Orange-tip, Clouded Yellow, Dingy and Grizzled Skipper butterflies were on the wing, together with the Violet Carpenter Bee, Bee-flies, and a beautiful ginger Bumble Bee. A Dipper flew up the stream. We continued up to the cafe, where we used the tables for our picnic, rather surrounded by parties of school children.

After lunch, we found some Coralroot Orchids (*Corallorhiza trifida*) under a Beech tree (*Fagus sylvatica*), and then continued to the waterfalls Cascata di Tre Cannalle, and Cascata di Nimfi (Cascade of Three Channels, and Cascade of the Nymphs). Under the beech trees Bird's Nest Orchids (*Neottia nidus-avis*) were just appearing, but on the rocks by the waterfall the Bear's-Ear (*Primula auricula*) was nearly over.

Now we retraced our steps, finding an enormous caterpillar of the Goat Moth and noting the large leaves of White False Helleborine (*Veratrum album*), Suffolk Lungwort (*Pulmonaria obscura*), and more Shrubby Milkwort (*Polygala chamaebuxus*) by the road. We had some lovely views of newly emerged Scarce Swallowtail butterflies, and an obliging Wood White posed for photographs. A party of four Wild Boars were seen distantly on the hillside above, and a Brown Hare was sitting in a field by the road. It was now time to return to the hotel for an early dinner.

Having finished dinner by about 7pm, we set off to watch for bears. Our destination this evening was a slope just past the landslip. The slope was covered with Nice Milkwort (*Polygala nicaeensis*), and many fine spikes of Lady Orchids (*Orchis purpurea*) and the diminutive Burnt Orchid (*Orchis ustulata*). Having made ourselves comfortable, we watched until it was virtually dark, but no bears were forthcoming.

Day 3

Friday 28th May

Weather: fine & sunny

An early start saw us out by 5.30am, to drive to Gioia Vecchio, to watch for bears from the church. We were soon in place under the trees. However, extensive scanning of the valley over a period of an hour and a half did not produce the desired target. We did have nice views of a Red Deer, a Roe Deer and a Wild Boar on the slopes opposite. Western Bonelli's Warbler was both heard and seen, and a Nuthatch was feeding a youngster. We then returned to the hotel for breakfast.

Our main destination today was Valle Fondillo, which is adjacent to Camosciara but very different in character. We parked under some willows, and set off up the track. On the banks plants included Star of Bethlehem (*Onitbogalum angustifolium*), Salad Burnet (*Potentilla sanguisorba*), the large-flowered buttercup *Ranunculus monspeliacus*, the bright blue Speedwell *Veronica orsiniana*, and Toothed Orchid (*Orchis tridentata*). Adonis Blue, Grizzled and Dingy Skippers were all recorded fluttering over the sunny meadows. Field Crickets were calling, and we were able to see several at the mouth of their burrows. In the wooded areas on the edge of the valley, we found Bastard Agrimony (*Aremonia agremonoides*), and Stinking Hellebore (*Helleborus foetidus*), and on a path there, we found a Wolf dropping, full of hair.

A large boulder near the bridge bore the endemic *Saxifraga porophylla* (a Reddish Saxifrage), not yet fully out, and nearby were several very fine spikes of Military Orchid (*Orchis militaris*). Here we crossed the bridge over the river, noting the Trout, to explore the other side. In some Juniper scrub (*Juniperus communis*) were some magnificent specimens of the Trumpet Gentian (*Gentiana dinarica*). We also found Matted Globularia (*Globularia cordata*), and more Sword-leaved Helleborine (*Cephalanthera longifolia*), and the leaves of St Bernard's Lily (*Anthericum lilago*). We had our picnic in a grassy meadow by the stream, and had the opportunity for Nev to show us Mayfly, Stonefly and Caddis-fly larvae. Looking upwards we saw a Short-toed Eagle hovering, and two Lanner Falcons.

We retraced our steps, following the path by the stream, and in a streamlet was Stream Water Crowfoot (*Ranunculus pencillatus*), and a marshy area held Water Mint (*Mentha aquatica*), and Brooklime (*Veronica beccabunga*). Several Scarce Swallowtails were seen, and a Berger's Clouded Yellow provided an excellent photo opportunity on a head of Horseshoe Vetch (*Hippocrepis commosa*). As we returned to the vehicles, a Lesser-spotted Woodpecker was heard and seen as it flew overhead.

From here, we took a small road opposite Opi, towards Forca Acera, as we had been told that this area was particularly good for woodpeckers. However, all was very quiet, although a stop on the way down provided lovely views over Opi, and a specimen of the strange looking plant Solenanthus (*Solenanthus apenninus*). We then returned to the hotel for dinner, and a quiet evening.

Day 4

Saturday 29th May

Weather: Fine and bright, with a cool breeze, a thunderstorm later, clearing

Lee, who was out early, spotted a Citril Finch with a group of Serins, drinking from a puddle. Today, with the promise of fine weather, we decided to do our 'high' walk of Valle di Rose. We parked above the hillside village of Civitella Alfadena, and set off up the stony track. Several buzzards were seen, and trees noted included Field Maple (*Acer campestre*) and Turkey Oak (*Quercus cerris*). We then entered the Beech Forest (*Fagus sylvatica*), where we found Bird's-nest Orchids (*Neottia nidus-avis*), and a small clump of Coralroot Orchids (*Corallorhiza trifidus*), but the Helleborines (*Cephalanthera spp*) were not yet in flower. Wood Warbler, Western Bonelli's Warbler, Blackcap and Mistle Thrush were heard, and several Wolf droppings were noted. A fine specimen of Chamois Ragwort (*Senecio doronicum ssp. gerardii*) was growing by the path in a clearing.

Eventually we came out above the tree line, to a large snow patch with quantities of Alpine Squill (*Scilla bifolia*) and Crocus (*Crocus vernus*). A little further on, a boulder was covered with Reddish Saxifrage (*Saxifraga porophylla*) in full flower, while the grass held Spring Gentian (*Gentiana verna*), Alpine Wood Forget-me-not (*Myosotis alpestris*) and carpets of the endemic pansy (*Viola eugeniae*) in all shades from very deep purple, through mauve and yellow, to cream. Clumps of tiny Yellow Whitlow-grass (*Draba aizoides*), Mezereon (*Daphne mezereum*) and the Heart-leaved Leopard's-bane (*Doronicum columnae*) were also seen, while Red-billed Chough played overhead. The stars of the show were, however, the Abruzzo Chamois, which are very confiding, and provided close views. About twenty animals were seen, in different groups. Black Redstart, Northern Wheatear, and Linnet were recorded near the snow. Climbing to the ridge we saw a large number of Alpine Pasque Flower (*Pulsatilla alpina*), some sheltered by the Prostrate Juniper (*Juniperus communis ssp alpina*). Unfortunately, heavy blue-black clouds were rolling in, so we started the descent, but got caught in a heavy, thundery downpour. This soon cleared, and we made our way back to the buses, all pleased at completing a steep walk and agreeing that it was well worth the effort.

Day 5

Sunday 30th May

Weather: Fine and sunny; afternoon shower, clearing

The group who ventured out early today had some excellent birding experiences, including good views of two Wryneck, as well as Crossbills and Firecrests.

After breakfast, we set off for the Vallone Pesco di Lordo, behind the hotel. We took the buses the short distance to the start of the walk, and were soon exploring a rocky meadow, where butterflies recorded included Pearl-bordered Fritillary, Adonis and Common Blue, and Clouded Yellow, together with a very fresh Mother Shipton Moth. A Green Lizard was seen, and two Buzzards circled over the hillside. Flowers included Common Star-of-Bethlehem (*Ornithogalum angustifolium*) and an understated Alyssum, *Alyssum minus*.

As we moved into the wooded area of well-established Beech trees (*Fagus sylvatica*), the plants seen included Baneberry (*Actaea spicata*), and Coralroot (*Cardamine bulbifera*) with black bulbils in the leaf axils, and Herb Paris (*Paris quadrifolia*). A beautiful Green-Underside Blue sat on the path, and Scarce Swallowtails were feeding on the Crabapple blossom (*Malus sylvestris*). A Bullfinch was seen and heard. We spent a long time gently exploring the edges of the stream, finding many long strings of Toad spawn, and a couple of Common Toads mating. Where the path forked, we left the road, and proceeded on a more open path, where Buzzards circled overhead. Mountain Alyssum (*Alyssum montanum*) was recorded, and *Geranium cinereum ssp subcaulescens* was growing on a bank. We had our picnic in a meadow, before searching out the main botanical point of interest: the rare and endemic Marsican Iris (*Iris marsica*), which occurs only in Abruzzo. A large clump was located, but unfortunately all the flowers were still in bud. It has large purple flowers, and is related to *Iris germanica*, the Garden Iris.

We retraced our steps to the vehicles, and decided to return to the bear-watching meadow by the landslip, to look at the orchids. The meadow held a great many spikes of Lady Orchid (*Orchis purpurea*), including one enormous one, with a flower spike of some 15+ cm. There were also carpets of the diminutive Burnt Orchid (*Orchis ustulata*), Toothed Orchid (*Orchis tridentata*), and interesting hybrids between the two, showing varying degrees of characteristics of either parent. Early Purple Orchids, also abundant, appeared to be a mixed population of the typical *Orchis mascula*, and *Orchis ovalis*, with the extended and wavy petals and sepals. A single spike of Naked Man Orchid (*Orchis italica*) was also recorded, a first for this trip. Additional colour in the meadow was provided by Nice Milkwort (*Polygala nicaeensis*) in magenta, dark blue and white, and Horseshoe Vetch (*Hippocrepis comosa*).

Having enjoyed Geraldine's excellent meal, we set off out to the church at Gioia Vecchio, for another evening watch. We were told that a bear had been there earlier, but had been chased away by the local dogs. We had good views of Roe Deer, Red Deer and Wild Boar, but the only bear seen was a photograph another watcher said he had taken half an hour earlier at another spot further down the road. Not too disheartened, we returned to the hotel, planning an early start for the next morning.

Day 6

Monday 31st May

Weather: fine, bright with rain later

We were out early again this morning, returning to Gioia Vecchio, to scan the valley. As well as the usual Deer and Boar, we had a good view of a Golden Eagle sitting on a rock on the skyline, beautifully lit by the morning sun. Then Lee located a Wolf feeding in an open glade: a magnificent animal apparently feeding on the hind quarters of a Red Deer. We were able to watch it for about half an hour, allowing everyone to have excellent views, before the animal picked up the long thigh bone and disappeared into the trees.

After breakfast, we went into Pescasseroli, to have a look round while Jessica and Lee shopped for the picnic. We then drove down the valley, along the length of Lago di Barrea, and up to the small hillside town of Barrea, where we parked overlooking the lake. We took the path above the town which leads to the local nature reserve overlooking the gorge. Red-billed Choughs and Crag Martins were flying into the caves opposite, and a Red Deer hind, apparently in labour, was noted sheltering on a ledge. We had superb views of Golden Eagle against the hillside, and later one flew directly over us, being mobbed by various Corvids. A Red-underwing Skipper was recorded, while on the cliffs of the gorge there was Thick-leaved Saxifrage (*Saxifraga callosa*) and Livelong Saxifrage (*Saxifraga paniculata*), and Cotoneaster (*Cotoneaster intergerrimus*). On the way down, some of the group diverted into a small meadow, finding Perennial Cornflower (*Centaurea montana*), including a white form, and a beautifully fresh Marsh Fritillary.

Eventually we dragged ourselves away from this delightfully rich location, in search of lunch. We had our rather late picnic at the picnic site at the western end of the Lago di Barrea. Here birds included a Whitethroat and a Melodious Warbler, and plants seen included Large Blue Alkanet (*Anchusa azurea*), and the Apennine Thistle (*Cirsium chrysanthus*). Half the group then returned to the hotel, while the others diverted via Pescasseroli to sample genuine Italian ice-cream. The evening turned damp, so our watch was from the vehicles, overlooking the meadows by the land-slip. Several Roe Deer were seen, but the bears still proved elusive. On the way back, in the near-dark, a large dark shape crossed the road in front of the first bus, and this was seen in the headlights to be a large Wild Boar, walking up the verge before disappearing into the hedgerow.

Day 7

Tuesday 1st June

Weather: fine, hot & sunny

The morning was beautifully clear, but we had to scrape ice off the vehicles before we could set off. Again, our early watch point was from the church at Gioia Vecchio. We marvelled at the beauty of the scenery in the morning light, and had good views of a party of four Red Deer stags, Roe Deer and individual Wild Boar, while Hoopoe and Quail were heard – but no Bears. We decided to give it one last chance, by coming out again on our final evening, and so returned to the hotel for breakfast.

This morning, with the sun getting hot, we decided to visit Castel Mancino, the rocky hill bearing the ruins of the 13th Century castle, above Pescasseroli. We parked by the cemetery, and climbed up through the trees, noting various tits and having excellent views of Short-toed Treecreeper. Common Rockroses (*Helianthemum nummularium*) were flowering in profusion, as was Alpine Basil Thyme (*Satureja alpina*). Butterflies included a number of Swallowtails and a Lesser Spotted Fritillary, rare in Italy. We also added three orchids to the plant list: Dark Ophrys (*Ophrys incubacea*), Man Orchid (*Orchis anthropophora*) and Adriatic Lizard Orchid (*Himantoglossum adriaticum*). We came down into a meadow to complete a circular walk, and were delighted to record Black-eared Wheatear, which has been seen here before, but not recently. The Northern Wheatears in the area are often very similar to Black-eared in coloration.

We had our picnic on a flat grassy meadow on the opposite side of town, with lovely views of the mountains. Here we recorded Mazarine Blue, the strange looking black and white Ascalaphids, and a Narrow-bordered Bee Hawkmoth, which sat obligingly, allowing photographers plenty of opportunities.

Eventually, aware of the time, we packed up, and returned to the hotel via the gelateria, where we all enjoyed an ice-cream. There was now time for people to rest or pack, before Lee took a group out to explore some meadows near the hotel. A great surprise was the presence of a juvenile female Red-footed Falcon, sitting on overhead wires, and hunting in the grass below.

After our final excellent dinner, most of the group headed out again, to see if we could see any bears. We spent the first half hour watching at the site where a bear had been seen on the Sunday, but only a Roe Deer was seen. We then moved on to the church, where we were thrilled to be told by watchers already there, that there were three Bears in the valley below us, amongst the bushes. Initially we only had glimpses, of a large, very dark individual, a male, a slightly smaller, paler bear, a female, and a cub. We then had some excellent views as the male was pursuing the female, with the cub galloping along behind. They were moving from right to left along the edge of the valley, sometimes in the open, sometimes in trees. Then the cub was seen running left to right, much closer, and shortly after, the female was seen in that area. The male, meanwhile had met some shepherd dogs, and was seen to rear up on his hind legs, before disappearing. What a grand finale to the week!

Day 8

Wednesday 2nd June

Weather: Italy: cloudy, clearing; UK: fine & hot

We had an early start, leaving before 6am, in some trepidation of the Rome ring road traffic. However, it was amazingly clear, so we reached the airport departures in plenty of time. Here we said goodbye to Roger and Sue, who were staying on, and the rest of us checked in, some for the Gatwick flight, the rest to Heathrow. We said our farewells, our heads full of images of Abruzzo, and especially the bears and the wolf.

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Species Lists

Plants (* denotes endemic species)

Scientific name	English name	Location seen (main or best site)
PTEROPSIDA		
Adiantaceae		
<i>Asplenium ruta-muraria</i>	Wall Rue	Valle Fondillo
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	Above hotel
<i>Ceterarch officinarum</i>	Rustyback	Above hotel
Dryopteridaceae		
<i>Dryopteris filix-mas</i>	Male Fern	Pesco di Lordo woods
<i>Polystichum aculeatum</i>	Hard Shield-fern	Valle Fondillo
Ophioglossaceae		
<i>Botrychium lunaria</i>	Adder's-tongue family Moonwort	Alpine meadows Valle di Rose
Woodsiaceae		
<i>Cystopteris fragilis</i>	Lady Fern family Brittle Bladder Fern	Above hotel
PINOPSIDA (GYMNOSPERMS)		
Cupressaceae		
<i>Juniperus communis</i>	Juniper	Widespread
<i>Juniperus communis subsp. alpina</i>	Prostrate Juniper	Valle di Rose
Pinaceae		
<i>Pinus mugo</i>	Pine family Mountain Pine	Alpine meadows Valle di Rose
<i>Pinus nigra</i>	Black Pine (an endemic variety)	Camosciara and above Barrea
MAGNOLIOPSIDA (ANGIOSPERMS)		
Magnoliidae (Dicotyledons)		
Aceraceae		
<i>Acer campestre</i>	Maple family Field Maple	Widespread
<i>Acer monspessulanum</i>	Montpellier Maple	Camosciara
<i>Acer opalus</i>	Italian Maple	Valle Fondillo
<i>Acer pseudoplatanus</i>	Sycamore	Gioia Vecchio
Adoxaceae		
<i>Adoxa moschatellina</i>	Moschatel family Moschatel	Alpine meadows Valle di Rose
Apiaceae		
<i>Anthriscus sylvestris</i>	Carrot Family Cow Parsley	Camosciara
<i>Eryngium amethystinum</i>	Blue Eryngo	Camosciara (leaves)
<i>Orlaya grandiflora</i>	Orlaya	Barrea
<i>Pimpinella saxifraga</i>	Burnet Saxifrage	Valle Fondillo
<i>Sanicula europaea</i>	Sanicle	Camosciara

Scientific name	English name	Location seen (main or best site)
Araliaceae	Ivy Family	
<i>Hedera helix</i>	Ivy	Castel Mancino woods
Asteraceae	Daisy family	
<i>Adenostyles glabra</i>	Adenostyles	Valle di Rose (leaves only)
<i>Bellis perennis</i>	Common Daisy	Widespread
<i>Bellis sylvestris</i>	Southern Daisy	Valle Fondillo woods
<i>Carduus chrysacanthus</i>	Apennine Thistle	Picnic site, Lago di Barrea
<i>Carduus defloratus</i> subsp. <i>carlinifolius</i>		Alpine meadows Valle di Rose
<i>Carlina acaulis</i>	Stemless Carline Thistle	Valle Fondillo
<i>Carlina vulgaris</i>	Carline Thistle	Camosciara
<i>Centaurea calcitrapa</i>	Red Star-thistle	Picnic site, Lago di Barrea
<i>Centaurea montana</i>	Perennial Cornflower	Barrea
<i>Cirsium tenoreanum</i>	a Woolly thistle	Camosciara (leaves only)
<i>Crepis</i> sp	Hawksbeard	Valle Fondillo
<i>Doronicum columnae</i>	Heart-leaved Leopardsbane	Alpine meadows Valle di Rose
<i>Eupatorium cannabinum</i>	Hemp Agrimony	Valle Fondillo
<i>Leucanthemum vulgare</i>	Ox-eye Daisy	Hotel
<i>Petasites hybridus</i>	Butterbur	Road near Pescasseroli
<i>Pilosella officinarum</i>	Mouse-ear Hawkweed	Camosciara
<i>Pulicaria dysenterica</i>	Fleabane	Valle Fondillo, damp area (leaves only)
<i>Senecio doronicum</i> subsp. <i>gerardii</i>	Chamois Ragwort	Slopes of M Godi
<i>Tragopogon hybridum</i>	Annual Tragopogon	Hotel
Betulaceae	Birch family	
<i>Corylus avellana</i>	Hazel	Camosciara
Boraginaceae	Borage family	
<i>Anchusa azurea</i>	Large Blue Alkanet	Picnic site, Lago di Barrea
<i>Cynoglossum magellense</i> *	An endemic Hound's-tongue	Valle Fondillo
<i>Cynoglossis barrellieri</i>	a blue 'anchusa'	Above hotel
<i>Myosotis sylvatica</i>	Wood Forget-me-not	Above hotel
<i>Myosotis alpestris</i>	Alpine Wood Forget-me-not	Alpine meadows Valle di Rose
<i>Pulmonaria obscura</i>	Suffolk Lungwort	Camosciara
<i>Solenanthes apenninus</i>	Solenanthes	South of Opi
Brassicaceae	Cabbage family	
<i>Aethionema saxatile</i>	Aethionema	Castel Mancino
<i>Alliaria petiolata</i>	Garlic Mustard	Pesco di Lordo
<i>Alyssum minus</i>	An Alyssum	Pesco di Lordo
<i>Alyssum montanum</i>	Mountain Alyssum	Pesco di Lordo
<i>Arabis caucasica</i> subsp. <i>alpina</i>	Alpine Rockcress	Alpine meadows Valle di Rose
<i>Arabis hirsuta</i>	Hairy Rockcress	Valle Fondillo
<i>Biscutella laevigata</i>	Buckler Mustard	Castel Mancino
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	Near Hotel
<i>Cardamine bulbifera</i>	Coralroot	Pesco di Lordo woods
<i>Draba aizoides</i>	Yellow Whitlow-grass	Rocks, alpine meadows Valle di Rose
<i>Erysimum pseudorhaeticum</i> *	an endemic Treacle Mustard	Hotel Paradiso
<i>Isatis tinctoria</i>	Woad	Road near Valle Fondillo
<i>Lunaria rediviva</i>	Perennial Honesty	Valle Fondillo

Scientific name	English name	Location seen (main or best site)
<i>Matthiola fruticulosa</i> var <i>italica</i>	Sad Stock	Bear-watching meadow
<i>Rorippa nasturtium-aquaticum</i>	Watercress	Valle Fondillo damp area
<i>Turritis glabra</i>	Towercress	Valle Fondillo
Caprifoliaceae	Honeysuckle family	
<i>Lonicera caprifolium</i>	Perfoliate Honeysuckle	Camosciara
<i>Lonicera xylosteum</i>	Fly Honeysuckle	Camosciara
<i>Sambucus nigra</i>	Elder	Camosciara
<i>Sambucus ebulis</i>	Dwarf Elder	Camosciara
<i>Viburnum lantana</i>	Wayfaring Tree	Valle Fondillo
Caryophyllaceae	Pink family	
<i>Cerastium fontanum</i>	Common Mouse-ear	Pesco di Lordo woods
<i>Cerastium tomentosum</i>	Snow-in-Summer	Widespread
<i>Dianthus carthusianorum</i>	Carthusian Pink	Barrea
<i>Lychnis flos-cuculi</i>	Ragged Robin	Camosciara
<i>Petrorhagia saxifraga</i>	Tunic Flower	Barrea
<i>Silene conica</i>	Sand Catchfly	Valle Fondillo
<i>Silene dioica</i>	Red Campion	Valle Fondillo
<i>Silene italica</i>	Italian Catchfly	Valle Fondillo
<i>Silene latifolia</i>	White Campion	Widespread
<i>Stellaria nemorum</i>	Wood Stitchwort	Pesco di Lordo woods
Cistaceae	Rockrose family	
<i>Helianthemum nummularium</i>	Rockrose	Valle Fondillo
<i>Helianthemum oelandicum</i> subsp <i>canum</i>	Hoary Rockrose	Valle Fondillo
Convolvulaceae	Bindweed family	
<i>Cuscuta epithymum</i>	Common Dodder	Valle Fondillo
Cornaceae	Dogwood family	
<i>Cornus mas</i>	Cornelian Cherry	Camosciara
<i>Cornus sanguinea</i>	Dogwood	Camosciara
Crassulaceae	Stonecrop family	
<i>Sedum acre</i>	Biting Stonecrop	Castel Mancino
<i>Sedum dasphyllum</i>	Flat-leaved Stonecrop	Barrea
<i>Sedum rubens</i>	Reddish Stonecrop	Barrea
<i>Sedum rupestre</i>	Rock Stonecrop	Castel Mancino
<i>Sedum sexangulare</i>	Tasteless Stonecrop	Castel Mancino
<i>Sempervivum arachnoideum</i>	Cobweb Houseleek	Boulder Valle di Rose
Dipsacaceae	Teasel family	
<i>Dipsacus fullonum</i>	Wild Teasel	Valle Fondillo
Euphorbiaceae	Spurge family	
<i>Euphorbia amygdaloides</i>	Wood Spurge	Valle Fondillo
<i>Euphorbia cyparissias</i>	Cypress Spurge	Widespread
<i>Euphorbia helioscopia</i>	Sun Spurge	Near hotel
<i>Euphorbia myrsinites</i>	Narrow-leaved Glaucous Spurge	Castel Mancino

Scientific name	English name	Location seen (main or best site)
<i>Mercurialis perennis</i>	Dog's Mercury	Valle Fondillo
Fabaceae	Pea family	
<i>Anthyllis vulneraria</i>	Kidney Vetch	Valle Fondillo
<i>Astragalus depressus</i>	Sprawling Milk-vetch	Above hotel
<i>Astragalus monspessulanus</i>	False Vetch	Valle Fondillo
<i>Chamaecytisus hirsutus</i>	Hairy Broom	Valle Fondillo
<i>Cytisophyllum sessilifolium (C.sessilifolius)</i>	Sessile Broom	Roadsides
<i>Cytisus villosus</i>	A Broom	Camosciara
<i>Hippocrepis comosa</i>	Horseshoe Vetch	Camosciara
<i>Laburnum anagyroides</i>	Laburnum	Camosciara
<i>Lathyrus aphaca</i>	Yellow Vetchling	Camosciara
<i>Lathyrus setifolius</i>	Red Grass Vetchling	Above hotel
<i>Lathyrus vernus</i>	Spring Pea	Camosciara
<i>Lotus corniculatus</i>	Bird's-foot Trefoil	Camosciara
<i>Medicago lupulina</i>	Black Medick	Hotel
<i>Onobrychis arenaria</i>	Small Sainfoin	Barrea
<i>Onobrychis viciifolia</i>	Sainfoin	Verges
<i>Spartium junceum</i>	Spanish Broom	Pescasseroli
<i>Trifolium campestre</i>	Hop Trefoil	Valle Fondillo
<i>Trifolium incarnatum subsp molinerii</i>	Long-headed Clover	Barrea
<i>Trifolium pratense</i>	Red Clover	Valle Fondillo
<i>Trifolium repens</i>	White Clover	Pescasseroli
<i>Trifolium resupinatum</i>	Reversed Clover	Picnic site, Lago di Barrea
<i>Vicia cracca</i>	Tufted Vetch	Car Park, Pescasseroli
<i>Vicia sativa</i>	Common Vetch	Near hotel
<i>Vicia sepium</i>	Bush Vetch	Pesco di Lordo
<i>Vicia villosa</i>	Fodder Vetch	Barrea
Fagaceae	Beech family	
<i>Fagus sylvatica</i>	Beech	Widespread
<i>Quercus cerris</i>	Turkey Oak	Camosciara
<i>Quercus pubescens</i>	Downy Oak	Camosciara
Gentianaceae	Gentian family	
<i>Gentiana cruciata</i>	Cross Gentian	Valle Fondillo, leaves
<i>Gentiana dinarica*</i>	a Trumpet Gentian (endemic)	Valle Fondillo
<i>Gentiana lutea</i>	Giant Yellow Gentian	Alpine meadows Valle di Rose, leaves
<i>Gentiana verna</i>	Spring Gentian	Alpine meadows Valle di Rose
Geraniaceae	Geranium family	
<i>Erodium cicutarium</i>	Common Stork's-bill	Pescasseroli
<i>G. cinereum subsp subcaulescens</i>		Pesco di Lordo, open bank
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	Picnic site, Lago di Barrea
<i>Geranium lucidum</i>	Shining Crane's-bill	Above hotel
<i>Geranium macrorrhizum</i>	Rock Cranesbill	Valle di Rose, leaves
<i>Geranium pyrenaicum</i>	Pyrenean Crane's-bill	Widespread
<i>Geranium reflexum</i>	Reflexed Crane's-bill	Valle Fondillo, in bud
<i>Geranium robertianum</i>	Herb Robert	Widespread

Scientific name	English name	Location seen (main or best site)
Globulariaceae	Globularia family	
<i>Globularia cordifolia</i>	Matted Globularia	Alpine Meadow, Valle di Rose
<i>Globularia punctata</i>	Common Globularia	Valle Fondillo
Grossulariaceae	Gooseberry Family	
<i>Ribes uva-crispa</i>	Wild Gooseberry	Valle di Rose
Lamiaceae	Nettle family	
<i>Ajuga chamaepitys</i>	Ground Pine	Camosciara
<i>Ajuga reptans</i>	Bugle	Widespread
<i>Lamiaeum galeobdolon</i>	Yellow Archangel	Pesco di Lordo woods
<i>Lamium album</i>	White Deadnettle	Widespread
<i>Lamium amplexicaule</i>	Henbit Deadnettle	Castel Mancino
<i>Lamium garganicum</i>	Large Red Deadnettle	Widespread
<i>Mentha aquatica</i>	Water Mint	Valle Fondillo
<i>Mentha longifolia</i>	Horse Mint	Valle Fondillo
<i>Origanum vulgare</i>	Marjoram	Camosciara
<i>Prunella vulgaris</i>	Selfheal	Pesco di Lordo
<i>Salvia verbenaca</i>	Wild Clary	Valle Fondillo
<i>Satureja alpina</i>	Alpine Basil-thyme	Valle di Rose
<i>Stachys germanica</i>	Downy Woundwort	Valle Fondillo, leaves
<i>Thymus striatus</i>	a Wild Thyme	Barrea
Linaceae	Flax family	
<i>Linum catharticum</i>	Fairy (Purging) Flax	Camosciara
Oleaceae	Olive family	
<i>Fraxinus excelsior</i>	Ash	Valle Fondillo
<i>Fraxinus ornus</i>	Flowering Ash	Camosciara
Orobanchaceae	Broomrape Family	
<i>Orobanche caryophyllacea</i>	Bedstraw Broomrape	Valle Fondillo
Papaveraceae	Poppy family	
<i>Chelidonium majus</i>	Greater Celandine	Camosciara
<i>Papaver argemone</i>	Prickly Poppy	Barrea
<i>Papaver rhoeas</i>	Common Poppy	En Route
Plantaginaceae	Plantain family	
<i>Plantago atrata</i>	Dark Plantain	Alpine Meadows, Valle di Rose
<i>Plantago lanceolata</i>	Ribwort Plantain	Pescasseroli
<i>Plantago major</i>	Greater Plantain	Pescasseroli
<i>Plantago media</i>	Hoary Plantain	Widespread
Plumbaginaceae	Thrift family	
<i>Armeria canescens</i>	Plantain-leaved Thrift	Valle Fondillo
Polygalaceae	Milkwort family	
<i>Polygala chamaebuxus</i>	Shrubby Milkwort	Camosciara
<i>Polygala nicaeensis</i>	Nice Milkwort	Widespread

Scientific name	English name	Location seen (main or best site)
<i>Polygala serpyllifolia</i>	Heath Milkwort	Valle Fondillo
Polygonaceae	Dock family	
<i>Rumex alpestris</i>	Monk's Rhubarb	Alpine meadow Valle di Rose
<i>Rumex scutatus</i>	French Sorrel	Camosciara
Primulaceae	Primrose family	
<i>Primula auricula</i>	Bear's-ear	Alpine meadow Valle di Rose
<i>Primula vulgaris</i>	Primrose	Camosciara
<i>Soldanella alpina</i>	Alpine Snowbell	Alpine meadow Valle di Rose
Ranunculaceae	Buttercup family	
<i>Actaea spicata</i>	Baneberry	Pesco di Lordo woods
<i>Anemone nemorum</i>	Wood Anemone	Valle Fondillo leaves only
<i>Aquilegia vulgaris</i>	Columbine	Camosciara
<i>Helleborus foetidus</i>	Stinking Hellebore	Valle Fondillo
<i>Hepatica nobilis</i>	Hepatica	Camosciara, leaves only
<i>Pulsatilla alpina</i>	Alpine Pasque Flower	Alpine meadow Valle di Rose
<i>Ranunculus bulbosus</i>	Bulbous Buttercup	Camosciara
<i>Ranunculus ficaria</i>	Lesser Celandine	Pesco di Lordo
<i>Ranunculus millefoliatus</i>	Million-leaved Buttercup	Camosciara
<i>Ranunculus monspeliacus</i>	-	Valle Fondillo
<i>Ranunculus pencillatus</i>	Stream Water Crowfoot	Valle Fondillo
<i>Ranunculus repens</i>	Creeping Buttercup	Valle Fondillo
<i>Ranunculus thora</i>	Thore's Buttercup	Camosciara
<i>Thalictrum aquilegifolium</i>	Great Meadow-rue	Camosciara
Resedaceae	Mignonette family	
<i>Reseda lutea</i>	Wild Mignonette	Picnic site, Lago di Barrea
Rhamnaceae	Buckthorn family	
<i>Rhamnus alpinus</i>	Alpine Buckthorn	Pesco di Lordo
<i>Rhamnus cathartica</i>	Purging Buckthorn	Valle Fondillo
<i>Rhamnus saxatilis</i>	Rock Buckthorn	Barrea
Rosaceae	Rose family	
<i>Alchemilla cf colorata</i>	a Lady's Mantle	Pesco di Lordo
<i>Aremonia agrimonoides</i>	Bastard Agrimony	Valle Fondillo woods
<i>Cotoneaster integerrimus</i>	a Cotoneaster	Barrea
<i>Crataegus monogyna</i>	Hawthorn	Widespread
<i>Fragaria vesca</i>	Wild Strawberry	Pesco di Lordo
<i>Geum urbanum</i>	Wood Avens	Pesco di Lordo
<i>Malus sylvestris</i>	Crab Apple	Valle Fondillo
<i>Potentilla crantzii</i>	Alpine Cinquefoil	Alpine meadow Valle di Rose
<i>Potentilla recta</i>	Sulphur Cinquefoil	Valle Fondillo
<i>Potentilla reptans</i>	Creeping Cinquefoil	Valle Fondillo
<i>Prunus malaheb</i>	St. Lucie's Cherry	Barrea
<i>Prunus spinosa</i>	Blackthorn	Barrea
<i>Pyrus pyraeaster</i>	Wild Pear	Valle Fondillo
<i>Rosa canina</i>	Dog Rose	Camosciara

Scientific name	English name	Location seen (main or best site)
<i>Rubus fruticosus</i> agg	Bramble	Widespread
<i>Sanguisorba minor</i>	Salad Burnet	Widespread
<i>Sorbus aria</i>	Whitebeam	Valle di Rose
<i>Sorbus aucuparia</i>	Rowan	Barrea
Rubiaceae	Bedstraw family	
<i>Asperula cynanchica</i>	Squinancywort	Valle Fondillo
<i>Asperula taurina</i>	Southern Woodruff	Valle di Rose
<i>Cruciata laevipes</i>	Crosswort	Widespread
<i>Galium aparine</i>	Cleavers	Valle Fondillo
<i>Galium odoratum</i>	Woodruff	Pesco di Lordo woods
<i>Sherardia arvensis</i>	Field Madder	Valle Fondillo
Salicaceae	Willow family	
<i>Populus nigra</i> agg	Black Poplar	Valle Fondillo lower valley
<i>Populus tremula</i>	Aspen	Valle Fondillo, damp area
<i>Salix alba</i>	White Willow	Valle Fondillo lower valley
<i>Salix caprea</i>	Goat Willow	Camosciara
<i>Salix purpurea</i>	Purple Willow	Valle Fondillo
Santalaceae	Sandalwood family	
<i>Thesium linophyllum</i>	Flax-leaved Bastard Toadflax	Valle Fondillo
Saxifragaceae	Saxifrage family	
<i>Saxifraga adscendens</i> (cf subsp <i>parnassica</i>)	Biennial Saxifrage	Valle di Rose
<i>Saxifraga bulbifera</i>	Bulbous Saxifrage	Camosciara
<i>Saxifraga callosa</i>	Thick-leaved Saxifrage	Barrea gorge cliff face
<i>Saxifraga granulata</i>	Meadow Saxifrage	Valle Fondillo
<i>Saxifraga paniculata</i>	Livelong Saxifrage	Barrea gorge cliff face
<i>Saxifraga porophylla</i> *	Reddish Saxifrage	Valle di Rose
<i>Saxifraga rotundifolia</i>	Round-leaved Saxifrage	Camosciara
<i>Saxifraga tridactylites</i>	Rue-leaved Saxifrage	Widespread
Scrophulariaceae	Figwort family	
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	Widespread
<i>Digitalis ferruginea</i>	Brown Foxglove	Pesco di Lordo (leaves only)
<i>Euphrasia</i> agg.	Eyebrights	Valle Fondillo
<i>Linaria purpurea</i>	Purple Toadflax	Valle di Rose
<i>Parentucella latifolia</i>	Southern Red Bartsia	Valle Fondillo
<i>Rhinanthus minor</i>	Yellow Rattle	Valle Fondillo
<i>Rhinanthus wettsteinii</i>	Apennine Rattle	Valle Fondillo
<i>Scrophularia canina</i> subsp. <i>hoppii</i>	Alpine Figwort	Castel Mancino
<i>Scrophularia vernalis</i>	Yellow Figwort	Valle Fondillo
<i>Verbascum</i> cf <i>thapsus</i>	Mullein, not yet in flower	By hotel
<i>Veronica beccabunga</i>	Brooklime	Marshy area, Valle Fondillo
<i>Veronica chamaedrys</i>	Germander Speedwell	Camosciara
<i>Veronica montana</i>	Wood Speedwell	Pesco di Lordo
<i>Veronica officinalis</i>	Heath Speedwell	Valle Fondillo
<i>Veronica orsiniana</i>		Valle Fondillo
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	Valle Fondillo

Scientific name	English name	Location seen (main or best site)
Thymelaceae		
<i>Daphne laureola</i>	Daphne family Spurge Laurel	Val Fondillo
<i>Daphne mezereum</i>	Mezereum	Alpine meadows, Valle di Rose
<i>Daphne oleoides</i>		Alpine meadows, Valle di Rose
Urticaceae		
<i>Urtica dioica</i>	Nettle family Nettle	Widespread
Valerianaceae		
<i>Valeriana officinalis</i>	Valerian family Common Valerian	Valle Fondillo
<i>Valeriana tuberosa</i>		Alpine meadows, Valle di Rose
<i>Valerianella locusta</i>	Common Cornsalad	Camosciara
Violaceae		
<i>Viola eugeniae</i> *	Violet family an endemic pansy	Near hotel
<i>Viola odorata</i>	Sweet Violet	Valle di Rose
<i>Viola riviniana</i>	Common Dog Violet	Valle Fondillo
Viscaceae		
<i>Viscum album</i>	Mistletoe family Mistletoe	Valle Fondillo
MONOCOTYLEDONS		
Araceae		
<i>Arum italicum</i> subsp. <i>neglectum</i>	Arum family Large Cuckoo Pint	Barrea
<i>Arum maculatum</i>	Cuckoo Pint	Near hotel
Iridaceae		
<i>Crocus vernus</i>	Spring Crocus	Alpine meadows, Valle di Rose
<i>Iris marsica</i> *	Marsican Iris (endemic)	Pesco di Lordo (in bud)
Liliaceae		
<i>Allium vineale</i>	Lily family Crow Garlic	Valle Fondillo (leaves only)
<i>Anthericum lilago</i>	St Bernard's Lily	Valle Fondillo (leaves only)
<i>Colchicum autumnale</i>	Autumn Crocus	Camosciara (leaves only)
<i>Gagea fistulosa</i>	A Yellow Star of Bethlehem	Alpine meadows, Valle di Rose
<i>Lilium bulbiferum</i> var. <i>croceum</i>	Orange Lily	Camosciara (leaves only)
<i>Lilium martagon</i>	Martagon Lily	Camosciara (leaves only)
<i>Muscari comosa</i>	Tassel Hyacinth	Valle Fondillo
<i>Muscari neglecta</i>	Dark Grape Hyacinth	Valle Fondillo
<i>Ornithogalum angustifolium</i>	Common Star of Bethlehem	Camosciara
<i>Paris quadrifolia</i>	Herb Paris	Camosciara
<i>Polygonatum multiflorum</i>	Solomon's Seal	Above hotel
<i>Scilla bifolia</i>	Alpine Squill	Alpine meadows, Valle di Rose
<i>Veratrum album</i>	White False Helleborine	Camosciara (leaves only)
Orchidaceae		
<i>Cephalanthera damasonium</i>	Orchid family White Helleborine	Valle di Rose woods (leaves only)
<i>Cephalanthera longifolia</i>	Sword-leaved Helleborine	Camosciara
<i>Corallorhiza trifida</i>	Coralroot Orchid	Camosciara

Scientific name	English name	Location seen (main or best site)
<i>Cypripedium calceolus</i>	Lady's Slipper Orchid	Camosciara
<i>Dactylorhiza fuchsii</i>	Common Spotted Orchid	Valle Fondillo (leaves only)
<i>Dactylorhiza incarnata</i>	Early Marsh Orchid	Valle Fondillo (leaves only)
<i>Gymnadenia conopsea</i>	Fragrant Orchid	Roadside Bear meadow
<i>Himantoglossum adriaticum</i>	Adriatic Lizard Orchid	Castel Mancino
<i>Neottia (Listera) ovata</i>	Twayblade	Camosciara
<i>Neottia nidus-avis</i>	Bird's Nest Orchid	Valle di Rose woods
<i>Ophrys incubacea</i>	Dark Ophrys	Castel Mancino
<i>Orchis anthropophora (Aceras anthropophorum)</i>	Man Orchid	Castel Mancino
<i>Orchis italica</i>	Naked Man Orchid	Roadside Bear meadow
<i>Orchis militaris</i>	Military Orchid	Valle Fondillo
<i>Orchis morio</i>	Green-winged Orchid	Valle Fondillo
<i>Orchis ovalis</i>	An Early Purple Orchid	Camosciara
<i>Orchis purpurea</i>	Lady Orchid	Camosciara
<i>Orchis tridentata</i>	Toothed Orchid	Valle Fondillo
<i>Orchis ustulata</i>	Burnt Orchid	Roadside Bear meadow
<i>Orchis ustulata x tridentata</i>	Hybrid	Roadside Bear meadow

Poaceae

<i>Briza media</i>
<i>Dactylis glomerata</i>
<i>Festuca vivipara</i>
<i>Melica uniflora</i>
<i>Phleum pratense</i>
<i>Poa bulbosa subsp vivipara</i>

Grass family

Quaking Grass	Pesco di Lordo
Cock's-foot	Pescasseroli
Viviparous Fescue	Above hotel
Wood Melick	Pesco di Lordo woods
Timothy	Pesco di Lordo
Viviparous Meadow-grass	Pesco di Lordo

Birds (h=heard, L=Leader only)

	Common name	Scientific name	May/June							
			26	27	28	29	30	31	1	
1	Great Crested Grebe	<i>Podiceps cristatus</i>							✓	
2	Mallard	<i>Anas platyrhynchos</i>		3	✓	✓	✓	✓	✓	
3	Golden Eagle	<i>Aquila chrysaetos</i>		2	✓			✓	✓	
4	Short-toed Eagle	<i>Circaetus gallicus</i>			✓	✓				
5	Common Buzzard	<i>Buteo buteo</i>				✓	✓	✓	✓	
6	Common Kestrel	<i>Falco tinnunculus</i>		✓					✓	
7	Red-footed Falcon	<i>Falco vespertinus</i>								✓
8	Peregrine Falcon	<i>Falco peregrinus</i>		2					✓	
9	Lanner Falcon	<i>Falco biarmicus</i>			2					
10	Common Quail	<i>Coturnix coturnix</i>								✓
11	Eurasian Coot	<i>Fulica atra</i>							✓	
12	Rock Dove/Feral Pigeon	<i>Columba livia</i>	✓	✓	✓	✓	✓	✓	✓	✓
13	Common Wood Pigeon	<i>Columba palumbus</i>	✓	✓	✓	✓	✓	✓	✓	✓
14	Common Cuckoo	<i>Cuculus canorus</i>	h	h	h	h	✓	h	h	
15	Tawny Owl	<i>Strix aluco</i>		h		h	h	h		
16	Eagle Owl	<i>Bubo bubo</i>		hL						
17	Eurasian Scops Owl	<i>Otus scops</i>							h	h
18	Common Swift	<i>Apus apus</i>		✓	✓	✓	✓	✓	✓	✓
19	Eurasian Hoopoe	<i>Upupa epops</i>			h		✓	✓	h	
20	European Bee-eater	<i>Merops apiaster</i>	2+6							h

	Common name	Scientific name	May/June						
			26	27	28	29	30	31	1
21	European Green Woodpecker	<i>Picus viridis</i>		✓	✓	✓	✓		
22	Great Spotted Woodpecker	<i>Dendrocopos major</i>				✓	✓	✓	✓
23	Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>			✓				
24	Eurasian Wryneck	<i>Jynx torquilla</i>		h		✓L	✓		h
25	Woodlark	<i>Lullula arborea</i>				✓			
26	Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>						✓	
27	Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓	✓	✓	✓
28	Common House Martin	<i>Delichon urbica</i>	✓	✓	✓	✓	✓	✓	✓
29	Water Pipit	<i>Anthus spinoletta</i>				✓			
30	Meadow Pipit	<i>Anthus pratensis</i>				✓			
31	Tree Pipit	<i>Anthus trivialis</i>				✓			
32	White Wagtail	<i>Montacilla alba</i>	✓	✓	✓	✓	✓	✓	✓
33	Yellow Wagtail	<i>Montacilla flava</i>					✓		
34	Grey Wagtail	<i>Montacilla cinerea</i>				✓	✓	✓	
35	Winter Wren	<i>Troglodytes troglodytes</i>		h	h	h	✓		✓
36	White-throated Dipper	<i>Cinclus cinclus</i>		✓L					
37	European Robin	<i>Erithacus rubecula</i>		✓	✓	✓	✓		✓
38	Common Nightingale	<i>Luscinia megarhynchos</i>	h	h			h	h	
39	Common Redstart	<i>Phoenicurus phoenicurus</i>	✓	✓	✓	✓	✓	✓	✓
40	Black Redstart	<i>Phoenicurus ochruros</i>	✓	✓	✓	✓	✓	✓	✓
41	Northern Wheatear	<i>Oenanthe oenanthe</i>	✓	✓	✓	✓			✓
42	Black-eared Wheatear	<i>Oenanthe hispanica</i>							✓
43	Song Thrush	<i>Turdus philomelos</i>		h	h	✓	h	h	h
44	Mistle Thrush	<i>Turdus viscivorus</i>				h	h		
45	Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓	✓	✓	✓
46	Garden Warbler	<i>Sylvia borin</i>						✓	✓
47	Blackcap	<i>Sylvia atricapilla</i>	✓	✓	✓	✓	✓	✓	✓
48	Common Whitethroat	<i>Sylvia communis</i>						✓	
49	Melodious Warbler	<i>Hippolais polyglotta</i>						✓	✓
50	Wood Warbler	<i>Phylloscopus sibilatrix</i>		✓	✓	h	✓	✓	
51	Western Bonelli's Warbler	<i>Phylloscopus bonelli</i>		h	✓	✓	✓	✓	✓
52	Chiffchaff	<i>Phylloscopus colybita</i>	✓	✓	✓	✓	✓	✓	✓
53	Goldcrest	<i>Regulus regulus</i>				✓	✓		✓
54	Firecrest	<i>Regulus ignicapillus</i>		✓	✓	✓L	✓	✓	✓
55	Spotted Flycatcher	<i>Muscicarpa striata</i>							✓
56	Great Tit	<i>Parus major</i>	✓	✓	✓	✓	✓	✓	✓
57	Coal Tit	<i>Parus ater</i>	✓	✓	✓	✓	✓	✓	✓
58	Blue Tit	<i>Cyanistes caeruleus</i>	✓	✓	✓	✓	✓	✓	✓
59	Marsh Tit	<i>Poecile palustris</i>				✓	✓	✓	✓
60	Long-tailed Tit	<i>Aegithalos caudatus</i>			✓	✓	✓		
61	Eurasian Nuthatch	<i>Sitta europaea</i>			✓		h	h	
62	Short-toed Treecreeper	<i>Certhia brachydactyla</i>	✓	✓	✓	✓	✓	✓	✓
63	Red-backed Shrike	<i>Lanius collurio</i>		✓	✓	✓	✓		✓
64	Common Magpie	<i>Pica pica</i>	✓	✓	✓	✓	✓	✓	✓
65	Eurasian Jay	<i>Garrulus glandarius</i>		✓	✓	✓	✓	✓	✓
66	Western Jackdaw	<i>Corvus monedula</i>	✓						
67	Red-billed Chough	<i>Pyrrhocorax pyrrhocorax</i>			✓	5		✓	
68	Hooded Crow	<i>Corvus corone cornix</i>	✓	✓	✓	✓	✓	✓	✓

	Common name	Scientific name	May/June						
			26	27	28	29	30	31	1
69	Common Raven	<i>Corvus corax</i>				h			
70	Common Starling	<i>Sturnus vulgaris</i>	✓	✓	✓	✓	✓	✓	✓
71	Italian House Sparrow	<i>Passer domestic italiae</i>			✓	✓		✓	
72	Eurasian Tree Sparrow	<i>Passer montanus</i>	✓			✓		✓	✓
73	Common Chaffinch	<i>Fringilla coelebs</i>	✓	✓	✓	✓	✓	✓	✓
74	Common Linnet	<i>Acanthus cannabina</i>			✓	✓			
75	European Goldfinch	<i>Carduelis carduelis</i>	✓	✓	✓	✓	✓	✓	✓
76	European Greenfinch	<i>Carduelis chloris</i>			✓		✓		✓
77	Citril Finch	<i>Serinus citrinella</i>				L			
78	European Serin	<i>Serinus serinus</i>	✓	✓	✓	✓	✓	✓	✓
79	Eurasian Bullfinch	<i>Pyrrhula pyrrhula</i>					✓		
80	Common Crossbill	<i>Loxia curvirostra</i>					✓		
81	Yellowhammer	<i>Emberiza citrinella</i>			✓		✓	h	✓
82	Cirl Bunting	<i>Emberiza cirlus</i>	h					h	
83	Corn Bunting	<i>Miliaria calandra</i>		h	h			✓	

Mammals (D = droppings)

1	Mole sp.	<i>Talpa sp.</i>				✓			
2	Apennine Wolf	<i>Canis lupus italicus</i>		D	D	D	✓		
3	Red Fox	<i>Vulpes vulpes</i>		✓		D	✓	✓	✓
4	Marsican Brown Bear	<i>Ursus arctos marsicanus</i>							✓3
5	Weasel	<i>Mustela nivalis</i>				(dead)			
6	Pine Marten	<i>Martes martes</i>		D	D	D	D	D	
7	Wild Boar	<i>Sus scrofa</i>		✓	✓		✓	✓	✓
8	Red Deer	<i>Cervus elaphus</i>		✓	✓		✓	✓	✓
9	Roe Deer	<i>Capreolus capreolus</i>		✓	✓		h	✓	✓
10	Apennine or Abruzzo Chamois	<i>Rupicapra pyrenaica ornata</i>				✓20			
11	Red Squirrel	<i>Sciurus vulgaris</i>				✓	✓	✓	
12	Vole cf Pine Vole sp	<i>Pitymys sp.</i>							✓
13	Brown Hare	<i>Lepus europaeus</i>		✓					✓2

Fish

1	Brown Trout	<i>Salmo trutta</i>			✓				
Reptiles & Amphibians									
1	Common Toad	<i>Bufo bufo</i>					✓		
2	Frog sp. (prob Italian Hybrid)	<i>Rana sp.(cf. R.kl. hispanica)</i>						h	
3	Agile Frog	<i>Rana dalmatina</i>					✓		
4	Green Lizard	<i>Lacerta viridis</i>		✓		✓	✓		
5	Common Wall Lizard	<i>Podarcis muralis</i>			✓	✓		✓	✓
6	Italian Wall Lizard	<i>Podarcis sicula</i>		✓	✓		✓	✓	✓

Butterflies

Hesperiidae									
1	Dingy Skipper	<i>Erynnis tages</i>		✓	✓	✓	✓	✓	✓
2	Mallow Skipper	<i>Carcharodus alceae</i>					✓		
3	Red-underwing Skipper	<i>Spialia sertorius</i>						✓	

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4	Grizzled Skipper	<i>Pyrgus malvae</i>		✓	✓	✓	✓		
		Papilionidae							
5	Southern Scarce Swallowtail	<i>Iphiclides podalirius</i>		✓	✓	✓	✓		✓
6	Swallowtail	<i>Papilio machaon</i>					✓		✓
		Pieridae							
7	Wood White	<i>Leptidea sinapis</i>		✓	✓		✓		✓
8	Large White	<i>Pieris brassicae</i>		✓	✓		✓	✓	
9	Green-veined White	<i>Pieris napi</i>		✓	✓	✓			✓
10	Eastern Bath White	<i>Pontia edusa</i>		✓		✓			
11	Moroccan Orange Tip	<i>Anthocharis belia</i>		✓	✓		✓		
12	Orange Tip	<i>Anthocharis cardamines</i>		✓	✓	✓	✓	✓	✓
13	Berger's Clouded Yellow	<i>Colias alfacariensis</i>			✓				
14	Clouded Yellow	<i>Colias crocea</i>		✓	✓	✓	✓	✓	✓
15	Brimstone	<i>Gonepteryx rhamni</i>	✓					✓	
		Lycaenidae							
16	Green Hairstreak	<i>Callophrys rubi</i>					✓		✓
17	Little Blue	<i>Cupido minimus</i>						✓	✓
18	Green-underside Blue	<i>Glaucopteryx alexis</i>					✓		
19	Mazarine Blue	<i>Cyaniris semiargus</i>							✓
20	Common Blue	<i>Polyommatus icarus</i>			✓		✓	✓	
21	Adonis Blue	<i>Lysandra bellargus</i>		✓	✓		✓		
22	Brown Argus	<i>Aricia agestis</i>					✓		
		Nymphalidae							
23	Peacock	<i>Inachis io</i>		✓					
24	Red Admiral	<i>Vanessa atalanta</i>		✓	✓	✓	✓	✓	✓
25	Painted Lady	<i>Vanessa cardui</i>					✓		
26	Comma Butterfly	<i>Polygonia c-album</i>		✓					
27	Glanville Fritillary	<i>Melitaea cinxia</i>						✓	
28	Lesser Spotted Fritillary	<i>Melitaea trivia</i>							✓
29	Pearl-bordered Fritillary	<i>Boloria euphrosyne</i>		✓			✓	✓	✓
30	Marsh Fritillary	<i>Euphydryas aurinia</i>						✓	✓
		Satyrinae							
31	Speckled Wood	<i>Pararge aegeria</i>		✓		✓	✓		
32	Wall Brown	<i>Lasiommata megera</i>		✓		✓	✓	✓	✓
33	Small Heath	<i>Coenonympha pamphilus</i>		✓	✓	✓	✓	✓	✓

Moths

1	Goat Moth (Caterpillar)	<i>Cossus cossus</i>		✓					
2	Forester Moth	<i>Adscita statices</i>			✓				
3	Chimney Sweeper	<i>Odezia atrata</i>					✓		
4	Speckled Yellow	<i>Pseudopanthera macularia</i>				✓		✓	
5	Narrow-bordered Bee Hawkmoth	<i>Hemaris tityus</i>				✓		✓	✓
6	Hummingbird Hawkmoth	<i>Macroglossum stellatarum</i>							✓
7	Mother Shipton	<i>Callistege mi</i>					✓		

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

Other Invertebrates (h = heard only)

1	Mayfly (larva)	<i>Ephemera sp</i>			✓				
2	Mayfly (larva)	<i>Ecdyonurus sp</i>			✓				
3	Broad-bodied Chaser	<i>Libellula depressa</i>			✓				
4	Stonefly (larva)	<i>Perlidae sp.</i>			✓				
5	Stonefly	<i>Perlidae sp.</i>		✓	✓				
6	Field Cricket	<i>Gryllus campestris</i>	h	✓	✓		✓	✓	✓
7	Hawthorn Shield Bug	<i>Acanthosoma haemorroidale</i>	✓						
8	Ascalaphid	<i>Libelloides coccajus</i>						✓	✓
9	Caddis-fly (larva)				✓				
10	Bee Fly	<i>Bombylius major</i>		✓	✓				✓
11	Violet Carpenter Bee	<i>Xylocopa violacea</i>		✓	✓	✓	✓	✓	✓
12	Ginger Bumble Bee	<i>Bombus pascuorum</i>		✓	✓	✓	✓	✓	✓
13	Green Tiger Beetle	<i>Cicindela campestris</i>						✓	✓
14	Dung Beetle	<i>Scarabaeus sp</i>				✓			
15	Cockchafer	<i>Melolontha melolontha</i>					✓		✓
16	Rose Chafer	<i>Cetonia aurata</i>							✓
17	7-spot Ladybird	<i>Coccinella 7-punctata</i>					✓		
18	2-spot Ladybird	<i>Adalia bipunctata</i>						✓	
19	Cream-spot Ladybird	<i>Calvia 14-guttata</i>				✓			
20	a Longhorn Beetle	<i>Morimus funereus</i>					✓		
21	A Longhorn beetle (black with white dorsal stripe)	<i>Dorcadion arenarium</i>					✓		
22	Green Tortoise Beetle	<i>Cassida viridis</i>							✓
23	Scorpion	<i>Euscorpis flavicaudis</i>		✓					