

The Apennines: Italy's Abruzzo National Park

Naturetrek Tour Report

31 May - 7 June 2012



Abruzzo Chamois (by Lee Morgan)



Lady's Slipper



Scarce Swallowtail



Valle di Rose

Report and images compiled by Jessica Turner



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Summary:

This overflow trip to the Abruzzo National Park in the central Apennines of Italy was the first time we had visited the area in June. It proved as exciting as ever, with some great opportunities for mammal watching, together with a wide selection of butterflies, flowers and birds, although the latter tended to be rather more elusive. The undoubted highlight was the male Marsican Brown Bear, which we saw on our way to the hotel, as it was walking away from a roadside meadow. We also had the much rarer sight of two Wolves, also by the roadside, trotting away through scrub and trees. 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 had a very warm March, melting much of the snow, but then a very cold, wet May, with the result that many of the plants were a good week behind, but others were further forward. A new site for orchids on a road bank near Gioia Vecchio proved very fruitful, with a lovely display of Adriatic Lizard, Man, Toothed, Sparse-flowered and Lady Orchids. At the beginning of the week, it appeared that previous torrential rain had finished off many of the butterflies, but as the week progressed, more were found, including Purple-shot Copper, Clouded Apollo, and Turquoise Blue.

We were sorry to miss Marco, who was away, but Geraldine, as ever, provided a warm welcome and excellent hospitality, introducing us to several local specialities.

Day 1

Thursday 31st May

Weather: sunny and warm, heavy thundery showers en route

Having seen off the first group at Rome airport in the morning, Jessica met the group as they arrived from the UK. It did not take long to load the bus, and once we had negotiated the Rome ringroad, we headed eastwards on the A24 towards Pescara. En route, we passed the typical hilltop villages of the Apennine foothills, and experienced some dramatic and torrential thunderstorms, but they were localised and did not last long.

Turning off the autostrada at Pescara, we noted the roadside flowers as we started to climb towards the Abruzzo National Park. It was just after eight o'clock when we were approaching the areas that we had been watching the previous week. To our amazement and delight, a large male Marsican Brown Bear was walking away from a meadow by the roadside. He disappeared through a line of trees, but then we saw him again on the other side, and were able to watch for about ten minutes, as he ambled slowly up the slope until he finally disappeared from view in the forest. What a fantastic and lucky start to the week! We continued on through Pescasseroli, and soon arrived at the Albergo Paradiso, where Geraldine gave us a very warm welcome, and we were soon enjoying a late dinner before retiring for the night.

Day 2

Friday 1st June

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 and Blue Tit were seen nesting in the hotel building, while several Coal Tit nest sites were located in crevices in surrounding walls. Good views were had of Serin and Spotted Flycatcher, while a male Bullfinch was heard and then seen.

After breakfast, with a short diversion to buy bread, we drove to Camosciara, one of the most popular valleys in the park and surrounded by high mountain peaks and crags. As we set off from the car park, we scanned the hillsides, finding a single Red Deer. A few moments later, another Red Deer hind trotted through the meadow and crossed the road just in front of us, pausing to give photo opportunities. We branched off the road to explore the meadows and scrub of the lower valley. There was evidence of recent heavy rain, which may have reduced the butterfly sightings, despite the sunny morning. Among the Juniper (*Juniperus communis*), Hawthorn (*Crataegus monogyna*), Blackthorn (*Prunus spinosa*) and Wild Pear (*Pyrus pyraster*) scrub, we found spikes of Nice Milkwort (*Polygala niceaeensis*), Common Globularia (*Globularia punctata*), Twayblade (*Neottia ovata*), Military Orchid (*Orchis militaris*) and Green-winged Orchid (*Orchis morio*), all growing with some protection from grazing. Early finds among the butterflies included Wood White, Orange-tip, Dingy Skipper and Green Hairstreak. We also found two spikes of the endemic *Ophrys dinarica*, a Late Spider Orchid (*Ophrys fuciflora*) type, looking rather battered. Cuckoo, Hoopoe and Blackcap were calling all around.

We returned to the road, enjoying the meadows and verges which held Stinking Hellebore (*Helleborus foetidus*), Common Star of Bethlehem (*Ornithogalum angustifolium*), False Vetch (*Astragalus monspessulanum*) and Horseshoe Vetch (*Hippocrepis commosa*). Further on an old wall supported clumps of Aubrietia (*Aubrietia columnae* subsp. *columnae*). The trees lining the road included Dogwood (*Cornus sanguinea*), Cornelian Cherry (*Cornus mas*), Turkey Oak (*Quercus cerris*), and Goat Willow (*Salix caprea*). By the stream, several clumps of Lady's-slipper Orchids (*Cypripedium calceolus*) were in perfect bloom, and Lady Orchids (*Orchis purpurea*), and Sword-leaved Helleborine (*Cephalanthera longifolia*) were found nearby. This area also supported Bird's-nest Orchid (*Neottia nidus-avis*), patches of the endemic Trumpet Gentian (*Gentiana dinarica*), Shrubby Milkwort (*Polygala chamaebuxus*) with its yellow or red and white flowers or magenta pink and yellow flowers, and Thore's Buttercup (*Ranunculus thora*), with enormous kidney-shaped leaves. Another find was the endemic Large-flowered Butterwort (*Pinguicula vallis-regiae*), which only occurs in Camosciara. There was also a spike of a Leafy Lousewort, *Pedicularis hoermanniana*.

Berger's and Common Clouded Yellow, and Grizzled Skipper butterflies were on the wing, together with beautiful ginger Bumble Bees and the Violet Carpenter Bee.

We continued up to the cafe, where we used the tables for our picnic. After lunch, we found some Coralroot Orchids (*Corallorhiza trifida*) under a Beech tree (*Fagus sylvatica*), and the unbelievably electric-blue and pink flowers of Spring Pea (*Lathyrus vernus*). We stopped to watch Brown Trout in the stream, before continuing 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 near the waterfall the Bear's-Ear (*Primula auricula*) was nearly over. A Wood Warbler was heard and seen in the Beech trees, but did not show itself well. We retraced our steps down the valley, stopping to watch a fox run across a grassy area. In the car park Serin were busy feeding, and a Hoopoe put in a brief appearance. It was now time to return to the hotel for an early dinner, although we stopped en route to observe ten Wild Boars in a meadow near Opi.

Having finished dinner by about 7.30pm, we set off to watch for mammals. We drove slowly along the road out of the town, stopping to watch another party of Wild Boar, this time five adults with seven small piglets, still with their ginger and white stripey coats. A large male Boar was seen on its own a little further on. We paused to scan the area where we had seen the bear previously, and then parked on the Bisegna road, near the junction, so we could scan the valley. A fine male Red-backed Shrike afforded excellent views, and a Red Deer was seen. We then continued to drive northwards, turning onto the track at Passo di Diavolo. Here we were able to hear Nightjar churring from the hillside opposite, where we also saw another Red Deer and heard a Roe Deer barking. It was nearly dark, so we decided to return to base.

Day 3

Saturday 2nd June

Weather: fine, hot & sunny

An early start saw some of the group out by 6.00am, to drive to Gioia Vecchio, to watch for mammals. It was a beautiful morning. As we drove slowly up the valley, a Roe Deer crossed the road in front of us, and we had good views of Red-backed Shrike. We reached the church and parked under the trees. However, despite extensive scanning of the valley, all seemed quiet. We did have nice views of a Red Deer, on the slopes opposite, and also a Hoopoe, preening itself on a rock. We then returned to the hotel for breakfast. Others had been out locally, and recorded Ascalaphid and Mazarine Blue.

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. On the banks, plants included Star of Bethlehem (*Onitbogalum angustifolium*), Salad Burnet (*Potentilla sanguisorba*), Ground-pine (*Ajuga chamaepitys*) the large-flowered buttercup *Ranunculus monspeliacus*, and the emerging spike of a Bedstraw Broomrape (*Orobanche caryophyllea*). Cuckoos and Field Crickets were calling, and butterflies included Berger's and Common Clouded Yellows, Grizzled and Dingy Skippers, and Little, Adonis and Osiris Blues. On the slopes at the edge of the valley, we found Dwarf Hairy Broom (*Chamaecytisus hirsutum*), Rockrose (*Helianthemum nummularium*) and the smaller flowered Hoary Rockrose (*Helianthemum oelandicum subsp. canum*), Fragrant Orchid (*Gymnadenia conopsea*) and Stinking Hellebore (*Helleborus foetidus*). Glanville Fritillary and Green Hairstreak were recorded.

A large boulder near the bridge bore the endemic *Saxifraga porophylla* (a Reddish Saxifrage), and nearby were several spikes of Military Orchid (*Orchis militaris*). Here we crossed the bridge over the river, to walk up the other side. Bonelli's Warbler was singing in Willows by the stream, but did not show itself. Sword-leaved Helleborine (*Cephalanthera longifolia*) was growing under the Beech trees (*Fagus sylvatica*), and in the grassy areas, Toothed Orchids (*Orchis tridentata*) and Green-winged Orchids (*Orchis morio*) were in flower, and Common Spotted Orchids (*Dactylorhiza fuchsii*) were in bud. Pearl-bordered and Queen of Spain Fritillaries were flying, together with Moroccan Orange-tip. Fine Trumpet Gentians (*Gentiana dinarica*), and Matted Globularia (*Globularia cordifolia*, bearing a single flower) were growing amongst the Juniper. We chose a shady spot for our picnic, enjoying the peace and beauty of the meadows. We then walked a bit further on before retracing our steps. We paused to look at the remains of a Wild Boar, and also a Spotted Flycatcher. The adjacent marshy area held Water Mint (*Mentha aquatica*), and Brooklime (*Veronica beccabunga*).

We left the valley, and took the winding road up to the little hill-top village of Opi, where a covered viewpoint gave us lovely views of the surrounding area, and from here we had some good views of Red-backed Shrike in the trees below. We then returned to the hotel for a quiet evening. Robert and Margot had spent the day in the environs of the hotel, and reported Yellow Bird's-nest (*Monotropa hypopitys*) just emerging under the Beech trees, Snowdrop seed capsules (*Galanthus nivalis*) and a variety of butterflies.

Day 4

Sunday 3rd June

Weather: Hot and sunny, with a cool breeze at altitude

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 Alfedena, and set off up the stony track. Two freshly emerged Scarce Swallowtails were busily nectaring by the roadside, and a Black Redstart was flitting around. A Red Deer hind and young calf trotted across some open ground, very close to us. In the meadows, many butterflies were flying, including Grizzled, Dingy and Red-underwing Skipper, Adonis, Little and Common Blue, and Glanville Fritillaries. A Black-veined White landed on a head of Plantain-leaved Thrift (*Armeria canescens*), giving excellent views. Berger's Clouded Yellows were abundant, and a particularly exciting find was Clouded Apollo. Overhead, two Golden Eagles were circling. Under the Beech trees (*Fagus sylvatica*) Bird's-nest Orchids (*Neottia nidus-avis*), Coralroot Orchids (*Corallorhiza trifida*) and White Helleborine (*Cephalanthera damasonium*) were just coming into flower. In another clearing were several specimens of the strange endemic Solenanthus (*Solenthus apenninus*). A Roe Deer crossed in front of us, and a large number of the mountain form of Bank Vole was seen, some quite confiding. Francis and Sara saw a Goshawk flying through the trees, and a Tawny Owl hooted once.

Eventually we came out above the tree line. There was relatively little snow remaining this year, but the abundance of flowers reflected the cold weather after a warm March. A large boulder was covered with Reddish Saxifrage (*Saxifraga porophylla*), and a perfect Bear's-ear (*Primula auricula*) 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. 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 provided good views. Five animals were seen, at different times.

After our lunch enjoying the scenery, we climbed either to the Pass (Passo Cavulo) or the ridge. Climbing up the slope, we found Alpine Pasque Flower (*Pulsatilla alpina*), some sheltered by the Prostrate Juniper (*Juniperus communis subsp alpina*), Alpine Squill (*Scilla bifolia*) and Alpine Snowbell (*Soldanella alpina*). Black Redstart, Northern and Black-eared Wheatear, Water Pipit and Woodlark were recorded on the slopes, plus probable Alpine Accentor, which was also heard. On the ridge were Mountain Tragacanth (*Astragalus montanus*), a fine display of Trumpet Gentians (*Gentiana dinarica*), Alpine Rockrose (*Helianthemum oelandicum subsp. alpestre*), and patches of the diminutive Hairy Rock-jasmine (*Androsace villosa*) with pink and white flowers. Francis and Sara, walking to the Pass, noted Mountain Kidney Vetch (*Anthyllis montanum*), while Robert found the white Mountain Pennycress (*Thlaspi montanum*). We spent some time enjoying this spectacular place. As we re-entered the woods, some of the group saw an Asp Viper. Eventually we made our way back to the road, all pleased at completing a steep walk and agreeing that it was well worth the effort. A reviving stop at the bar in the village preceded our journey back to Pescasseroli, where we had a quiet evening, and toasted the Queen for her Jubilee.

Day 5

Monday 4th June

Weather: Fine and sunny initially, then clouding over with showers later; cooler

The group who ventured out early today saw a Red Deer hind in a meadow. Then, to our delight, we saw a young Wolf trotting across an open patch in some scrub by the road, near the 'landslip'. Another Wolf was seen to be in the trees, and they were both observed as they vanished up the hillside. A little later, we stopped to look at some Early Purple Orchids (*Orchis mascula*) by the roadside, and discovered a bank full of Adriatic Lizard Orchids (*Himantoglossum adriaticum*), Lady Orchids (*Orchis purpurea*), Man Orchids (*Orchis anthropophora*), Sparse-flowered Orchids (*Orchis pauciflora*) and Toothed Orchids (*Orchis tridentata*). There were also a few spikes of Dark Ophrys (*Ophrys incubacea*), mainly over. The bank also held bright blue Perennial Flax (*Linum perenne*), White Rockroses (*Helianthemum apenninum*), and a resting Large Blue butterfly. With all this excitement, it was late when we reached Gioia Vecchio, where it was quiet in terms of wildlife, and also windy, so we drove back down to watch the valley by the road junction for a while, before returning to the hotel for breakfast.

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. Butterflies were just starting to fly, and Brown Argus was recorded. Flowers included Common Star-of-Bethlehem (*Ornithogalum angustifolium*) and an understated Alyssum, *Alyssum minus*. We moved into the wooded area of well-established Beech trees (*Fagus sylvatica*). Here, the plants seen included Baneberry (*Actaea spicata*), Coralroot (*Cardamine bulbifera*) with black bulbils in the leaf axils, Herb Paris (*Paris quadrifolia*), Bastard Agrimony (*Aremonia agrimonoides*), and Round-leaved Saxifrage (*Saxifraga rotundifolia*). By the water trough a couple of Common Toads were mating. Birds were proving elusive, but a Western Bonelli's Warbler responded to a recording, and a pair of Short-toed Treecreepers was seen, together with a family of Nuthatches and a pair of Bullfinches.

Where the path forked, we left the road, and proceeded on a more open path. Yellow Alyssum (*Alyssum saxatile*), the blue *Veronica orsiniana* and pink *Geranium cinereum subsp. subcaulescens* were growing on a stony patch. Mazarine Blue and Little Blue were resting in a patch of Nettles (*Urtica dioica*). A party of six adult Wild Boars with six piglets (still with ginger coats) were grazing at the forest edge, and moving parallel to us, giving good views, while a Cirl Bunting was singing from a tree.

We had our picnic sitting on a tree trunk, during which a Short-toed Eagle circled overhead. Robert then reported he had captured a Clouded Apollo under his hat(!), and we got good views of it, 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, with several flowers in bud, but a couple fully out. It has large purple flowers, and is related to *Iris germanica*, the Garden Iris. A Wolf dropping was found nearby, full of deer hair, and another resting Clouded Apollo gave good photographic opportunities. As we reached the buses, the rain came, so we decided to stop for coffee in Pescasseroli, before returning to the hotel. Some of the group went shopping later, to buy items to take home, before returning for another excellent meal, and an early night.

Day 6

Tuesday 5th June

Weather: fine, hot and sunny, with a cool wind

We were out early again this morning, returning to Gioia Vecchio, to scan the valley. In terms of mammals, it was quiet, with a Red Deer hind and a Wood Mouse being our total. However, we had good views of Redstart, Black Redstart, Serin and Spotted Flycatcher in the perfect morning light. We then returned down the valley to the road junction, where we continued our watch. Birds included Red-backed Shrike and Corn Bunting, while a distant Wryneck was heard.

Today our destination was the gorge at Barrea, the little town at the far end of the Lago di Barrea. While we were preparing to leave, a Red-underwing Skipper was recorded in the hotel car park. We then drove down the valley, along the length of the lake, and up to the small hillside town, where we parked overlooking the lake. We took the path above the town which leads to the local nature reserve overlooking the gorge. A Nightingale was singing, and some of the group had good views of one, together with a Hoopoe. We spent the morning gently exploring the area. Red Deer hinds with calves were grazing and sheltering on the crags opposite, amidst what appeared to be Marsican Iris (*Iris marsicana*) and a Red-billed Chough played in the gorge. Plants included Burnt Orchid (*Orchis ustulata*), Purple Viper's Bugloss (*Echium plantaganeum*), and St. Lucie's Cherry (*Prunus mahaleb*), while on the cliffs of the gorge there was Thick-leaved Saxifrage (*Saxifraga callosa*) and Livelong Saxifrage (*Saxifraga paniculata*), Cotoneaster (*Cotoneaster intergerrimus*), and the endemic Houseleek, *Sempervivum italicum*, not yet in flower. Large, Little, Common and Osiris Blues, Brown Argus, Green Hairstreak and Scarce Swallowtail were among the butterflies recorded. In a small meadow, was Perennial Cornflower (*Centaurea montana*), including a white form, and we also found Maiden Pink (*Dianthus deltoides*) and Orlaya (*Orlaya grandiflora*), with its umbels of uneven petalled white flowers. An Italian form of Green Lizard was seen, scuttling through the grass.

Eventually we dragged ourselves away from this delightfully rich location, in search of lunch. We had our picnic at the picnic site at the western end of the Lago di Barrea, in which we could see the Carp preparing to spawn. We then took the road north out of the village, noting the endemic Villetta Barrea Black Pines (*Pinus nigra subsp. italica*) on the cliff faces. We stopped at 'Serena's Bend' (named after a previous week's client, who noticed the orchids on it) to look at some Man Orchids (*Orchis anthropophora*). On the same grassy area we found some Toothed Orchids (*Orchis tridentata*), and a magnificent display of the endemic *Ophrys dinarica*. On the opposite side of the road, spikes of St Bernard's Lily (*Anthericum lilago*) were in flower.

We drove to above the Passo Godi, stopping for a Golden Eagle, which was spotted over the trees. We then parked, and walked along the track Y1, at about 1600m, where we explored the hillsides, noting the beautiful Spurge, *Euphorbia verrucosa*. We were looking for Elder-flowered Orchids (*Dactylorhiza sambucina*), but most seemed to be over. However, we found a large number of fresh Sparse-flowered Orchids (*Orchis pauciflora*), and a swarm of hybrids between this species and Early Purple Orchid (*Orchis mascula*), combining the lemon yellow and purple in various combinations. The large-flowered Chamois Ragwort (*Senecio doronicum*) was found, together with the tiny *Paronychia kapela*, with its silvery, papery bracts, while Richard and Penny saw a Middle-spotted Woodpecker. We watched a shepherd with ten dogs (most of which appeared to be 'off-duty!') moving a flock of sheep and goats along the hillside opposite, before driving back to Pescasseroli, for dinner and a quiet evening.

Day 7

Wednesday 6th June

Weather: fine, hot & sunny

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 good views of Short-toed Treecreeper and Marsh Tit. Common Rockroses (*Helianthemum nummularium*) were flowering in profusion, as was Alpine Basil-thyme (*Acinos alpina*). Butterflies included Common and Scarce Swallowtails, a variety of Blues, and Wall Brown. A Purple-shot Copper was netted, and others were seen, but the Lesser Spotted Fritillaries, rare in Italy, escaped capture. Transparent Burnet, Nine-spotted and Hummingbird Hawkmoths, and the strange looking black and white Ascalaphids were on the wing. We also saw some very fine specimens of Adriatic Lizard Orchid (*Himantoglossum adriaticum*) and Man Orchid (*Orchis anthropophora*). We came down into a meadow to complete a circular walk, and had excellent views of Black-eared Wheatear, sitting on the cemetery wall.

We had our picnic on a flat grassy meadow on the opposite side of town, with lovely views of the mountains. Here we recorded Turquoise Blue, and Reddish Saxifrage (*Saxifraga porophylla*) growing on a conglomerate boulder. We then moved north, to look at the 'landslip meadow'. This sloping piece of land was awash with every shade and colour combination of Nice Milkwort (*Polygala nicaeensis*), and Horseshoe Vetch (*Hippocrepis comosa*). Unfortunately, the Lady Orchids (*Orchis purpurea*) were very much over, but there were plenty of Toothed Orchids (*Orchis tridentata*), Burnt Orchids (*Orchis ustulata*) and some interesting hybrids between the two. A spike of Greater Butterfly Orchid (*Platanthera chlorantha*) was seen, and we were pleased to have a definite confirmation of Baton Blue. Another Italian Green Lizard was seen.

Eventually, aware of the time, we packed up, and returned to the hotel via the Gelateria, where we enjoyed an ice-cream or a coffee. There was now time for people to rest or pack, before our final excellent dinner. Afterwards, we headed out again, for a final watch. We started off by the road junction, seeing a couple of Red Deer hinds. We then drove up to the Passo di Diavolo, and down the track for a short way. In the fading light, we could just see a large party of twenty-one Wild Boar, a mixture of adults and ginger piglets. We watched them for some time, grazing quite close, but they ran when we started the bus engine to head back to the hotel.

Day 8

Thursday 7th June

Weather: Italy: fine and sunny; UK: wet

We left just before eight for our journey back to Rome. Although we scanned the hillsides and meadows, we did not see any further mammals, but we noted the differences in flowering plants, as we descended to the Avezzano plain. The Rome ringroad was busy, but we arrived in good time. We said our farewells, and continued our journeys back to the UK, our heads full of images of Abruzzo, especially the bear and the wolves...

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Species Lists

Plants (* = species is endemic)

Scientific name	Common name	Location
PTERIDOPHYTES	FERNS & ALLIES	
Adiantaceae	Maidenhair Fern Family	
<i>Asplenium ruta-muraria</i>	Wall Rue	Camosciara
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	Camosciara
<i>Ceterach officinarum</i>	Rustyback	Camosciara
Dryopteridaceae	Buckler-fern Family	
<i>Polystichum lonchitis</i>	Holly Fern	Valle di Rose
Woodsiaaceae	Lady-fern Family	
<i>Cystopteris fragilis</i>	Brittle Bladder-fern	Camosciara
PINOPSIDA (GYMNOSPERMS)	CONIFERS	
Cupressaceae	Juniper Family	
<i>Juniperus communis</i>	Juniper	Widespread
<i>Juniperus communis subsp. alpina</i>	Prostrate Juniper	Valle di Rose
Pinaceae	Pine Family	
<i>Pinus mugo</i>	Dwarf Mountain Pine	Valle di Rose
<i>Pinus nigra subsp. italica*</i>	Villetta Barrea Black Pine	Camosciara
MAGNOLIOPSIDA (ANGIOSPERMS)	FLOWERING PLANTS	
Magnoliidae (Dicotyledons)		
Aceraceae	Maple Family	
<i>Acer campestre</i>	Field Maple	Camosciara
<i>Acer monspessulanum</i>	Montpelier Maple	Camosciara
<i>Acer opalus</i>	Italian Maple	Camosciara
<i>Acer pseudoplatanus</i>	Sycamore	Camosciara
Apiaceae	Carrot Family	
<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 latifolium</i>	Broad-leaved Sermountain	Camosciara (leaves)
<i>Orlaya grandiflora</i>	Orlaya	Barrea
<i>Sanicula europaea</i>	Sanicle	Camosciara
<i>Scandix pecten-veneris</i>	Shepherd's Needles	Castel Mancino
<i>Trinia dalechampii</i>	a Honewort	Valle di Rose
Aquifoliaceae	Holly Family	
<i>Ilex aquifolium</i>	Holly	Camosciara

Scientific name	Common name	Location
Araliaceae	Ivy Family	
<i>Hedera helix</i>	Ivy	Castel Mancino
Asclepiadaceae	Milkweed Family	
<i>Vincetoxicum hirundinaria</i>	Swallow-wort	Valle di Rose
Asteraceae	Daisy Family	
<i>Bellis perennis</i>	Daisy	Widespread
<i>Bellis sylvestris</i>	Southern Daisy	Val Fondillo
<i>Carduus chrysacanthus</i>	Apennine Thistle	Valle di Rose
<i>Carlina acanthifolia</i>	Acanthus-leaved Carlina Thistle	Val Fondillo
<i>Carlina vulgaris</i>	Carlina Thistle	Camosciara
<i>Centaurea montana</i>	Perennial Cornflower	Barrea
<i>Cirsium tenoreanum</i>	a Woolly Thistle	Camosciara (leaves)
<i>Doronicum columnae</i>	Heart-leaved Leopard's-bane	Valle di Rose
<i>Leucanthemum vulgare</i>	Ox-eye Daisy	Val Fondillo
<i>Petasites hybridus</i>	Butterbur	Camosciara
<i>Scorzonera cana</i>	A Viper's-grass	Roadside near Pescasseroli
<i>Scorzonera hirsuta</i>	Hairy Viper's-grass	Barrea
<i>Scorzonera rosea</i>	-	Barrea
<i>Senecio doronicum subsp. doronicum</i>	Chamois Ragwort	Monte Godi
<i>Tragopogon pratensis subsp. orientalis</i>	Annual Goat's-beard	Roadside near Pescasseroli
<i>Tripleurospermum inodorum</i>	Scentless Mayweed	
Betulaceae	Birch Family	
<i>Corylus avellana</i>	Hazel	Camosciara
Boraginaceae	Forget-me-not Family	
<i>Cynoglossum officinale</i>	Hound's-tongue	Val Fondillo
<i>Cynoglottis barrellieri</i>	an Anchusa (Blue)	Widespread
<i>Echium platagineum</i>	Purple Viper's-bugloss	Barrea
<i>Myosotis alpestris</i>	Alpine Wood Forget-me-not	Valle di Rose
<i>Myosotis sylvatica</i>	Wood Forget-me-not	By hotel
<i>Pulmonaria obscura</i>	Suffolk Lungwort	Camosciara
<i>Solenanthes apenninus</i>	Solenanthes	Valle di Rose
Brassicaceae	Cabbage Family	
<i>Aethionema saxatile</i>	Aethionema	Orchid bank
<i>Alliaria petiolata</i>	Garlic Mustard	Camosciara
<i>Alyssum minus</i>	an Alyssum	Val Fondillo
<i>Alyssum montanum</i>	Mountain Alyssum	Barrea
<i>Alyssum saxatile</i>	Yellow Alyssum	Pesco di Lordo
<i>Arabis alpina subsp. caucasica</i>	Alpine Rock-cress	Valle di Rose
<i>Arabis hirsuta</i>	Hairy Rock-cress	Val Fondillo
<i>Aubrietia columnae subsp. columnae</i>	Aubrietia	Camosciara
<i>Biscutella laevigata</i>	a Buckler Mustard	Slopes of Mt Godi
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	Camosciara
<i>Cardamine bulbifera</i>	Coralroot	Pesco di Lordo
<i>Cardamine chelidonia</i>	a Bitter-cress (Purple)	Camosciara
<i>Cardamine enneaphyllos</i>	Drinking Bitter-cress	Camosciara

Scientific name	Common name	Location
<i>Draba aizoides</i>	Yellow Whitlow-grass	Valle di Rose
<i>Erysimum pseudorhaeticum</i> *	a Treacle Mustard	Widespread
<i>Isatis tinctoria</i>	Woad	Camosciara roadsides
<i>Lunaria rediviva</i>	Perennial Honesty	Val Fondillo
<i>Matthiola fruticulosa</i> var. <i>italica</i>	Sad Stock	Val Fondillo
<i>Rorippa nasturtium-aquaticum</i>	Watercress	Val Fondillo
<i>Thlaspi alpinum</i>	Alpine Penny-cress	Valle di Rose
<i>Thlaspi stylosum</i>	Apennine Penny-cress	Valle di Rose
<i>Turritis glabra</i>	Towercress	Camosciara
Campanulaceae	Bellflower Family	
<i>Campanula rapunculus</i>	Rampion Bellflower	Barrea
Caprifoliaceae	Honeysuckle Family	
<i>Lonicera caprifolium</i>	Perfoliate Honeysuckle	Camosciara
<i>Lonicera xylosteum</i>	Fly Honeysuckle	Camosciara
<i>Sambucus ebulus</i>	Dwarf Elder	Camosciara
<i>Sambucus nigra</i>	Elder	Camosciara
<i>Viburnum lantana</i>	Wayfaring Tree	Val Fondillo
Caryophyllaceae	Pink Family	
<i>Cersastium fontanum</i>	Common Mouse-ear	Camosciara
<i>Cerastium tomentosum</i>	Snow-in-Summer	Widespread
<i>Dianthus deltoides</i>	Maiden Pink	Barrea
<i>Herniaria glabra</i>	Smooth Rupturewort	Pesco di Lordo
<i>Lychnis flos-cuculi</i>	Ragged Robin	Camosciara
<i>Paronychia kapela</i>	a Paronychia	Slopes of Mt Godi
<i>Silene conica</i>	Sand Catchfly	Hotel car park
<i>Silene dioica</i>	Red Campion	By Hotel
<i>Silene italica</i>	Italian Catchfly	Castel Mancino
<i>Silene latifolia</i>	White Campion	Widespread
<i>Silene pusilla</i>	an Alpine Catchfly	Val Fondillo
<i>Stellaria nemorum</i>	Wood Stitchwort	Camosciara
Celastraceae	Spindle Family	
<i>Euonymus europaeus</i>	Spindle Tree	Camosciara
Cistaceae	Rock-rose Family	
<i>Helianthemum apenninum</i>	White Rockrose	Roadsides
<i>Helianthemum nummularium</i>	Rockrose	Val Fondillo
<i>Helianthemum oelandicum</i> subsp. <i>alpestre</i>	Alpine Rockrose	Valle di Rose
<i>Helianthemum oelandicum</i> subsp. <i>canum</i>	Hoary Rockrose	Val Fondillo
Clusiaceae	St. John's-wort Family	
<i>Hypericum perforatum</i>	Perforate St. John's-wort	Valle di Rose
Convolvulaceae	Bindweed Family	
<i>Convolvulus arvensis</i>	Field Bindweed	Castel Mancino
<i>Cuscuta epithymum</i>	Common Dodder	Castel Mancino

Scientific name	Common name	Location
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	Hotel
<i>Sedum album</i>	White Stonecrop	Barrea
<i>Sedum alpestre</i>	A Stonecrop	Valle di Rose
<i>Sedum dasyphyllum</i>	Fat-leaved Stonecrop	Barrea
<i>Sedum hispanicum</i>	A Stonecrop	Camosciara
<i>Sedum sexangulare</i>	Tasteless Stonecrop	Val Fondillo
<i>Sempervivum arachnoideum</i>	Cobweb Houseleek	Valle di Rose
<i>Sempervivum italicum*</i>	A Houseleek	Barrea
Cucurbitaceae	Gourd Family	
<i>Bryonia dioica</i>	White Bryony	Camosciara
Dipsacaceae	Teasel Family	
<i>Dipsacus fullonum</i>	Wild Teasel	Val Fondillo
Euphorbiaceae	Spurge Family	
<i>Euphorbia amygdaloides</i>	Wood Spurge	Camosciara
<i>Euphorbia cyparissias</i>	Cypress Spurge	Widespread
<i>Euphorbia helioscopia</i>	Sun Spurge	Barrea
<i>Euphorbia myrsinites</i>	Glaucous Spurge	Val Fondillo
<i>Euphorbia platyphyllos</i>	Broad-leaved Spurge	Roadsides
<i>Euphorbia verrucosa</i>	-	Slopes of Mt Godi
<i>Mercurialis perennis</i>	Dog's Mercury	Valle di Rose
Fabaceae	Pea Family	
<i>Anthyllis montana</i>	Mountain Kidney Vetch	Valle di Rose
<i>Anthyllis vulneraria</i>	Kidney Vetch	Val Fondillo
<i>Astragalus depressus</i>	Sprawling Milk-vetch	Valle di Rose
<i>Astragalus monspessulanus</i>	False Vetch	Camosciara
<i>Astragalus sempervirens</i>	Mountain Tragacanth	Valle di Rose
<i>Chamaecytisus hirsutus</i>	Hairy Broom	Val Fondillo
<i>Coronilla varia</i>	Crown Vetch	Barrea
<i>Cytisophyllum sessilifolium</i>	Sessile Broom	Roadsides
<i>Genista tinctoria</i>	Dyer's Greenweed	Gioia Vecchio
<i>Hippocrepis comosa</i>	Horseshoe Vetch	Val Fondillo
<i>Laburnum anagroides</i>	Laburnum	Camosciara
<i>Lathyrus aphaca</i>	Yellow Vetchling	Castel Mancino
<i>Lathyrus pratensis</i>	Meadow Vetchling	Lago di Barrea
<i>Lathyrus setifolius</i>	Red Grass Vetchling	Val Fondillo
<i>Lathyrus venetus</i>	A Spring Pea	Camosciara
<i>Lathyrus vernus</i>	Spring Pea	Camosciara
<i>Lotus corniculatus</i>	Bird's-foot Trefoil	Val Fondillo
<i>Medicago lupulina</i>	Black Medick	Camosciara
<i>Onobrychis arenaria</i>	Small Sainfoin	Barrea
<i>Onobrychis viciifolia</i>	Sainfoin	Opi

Scientific name	Common name	Location
<i>Spartium junceum</i>	Spanish Broom	Roadsides en route
<i>Trifolium campestre</i>	Hop Trefoil	Widespread
<i>Trifolium incarnatum subsp. 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 pannonica</i>	A pink vetch	Camosciara
<i>Vicia sativa agg</i>	Common Vetch	Camosciara
<i>Vicia sepium</i>	Bush Vetch	Camosciara
<i>Vicia sylvatica</i>	Wood Vetch	Camosciara
<i>Vicia villosa</i>	Fodder Vetch	Camosciara
<i>Vicia villosa subsp. varia</i>	Pink Fodder Vetch	Valle di Rose
Fagaceae	Beech Family	
<i>Fagus sylvatica</i>	Beech	Camosciara
<i>Quercus cerris</i>	Turkey Oak	Camosciara
<i>Quercus pubescens</i>	Downy Oak	Camosciara
Fumariaceae		
<i>Corydalis bulbosa</i>	a Bird-in-a-bush	Pesco di Lordo (leaves)
Gentianaceae	Gentian Family	
<i>Gentiana cruciata</i>	Cross Gentian	Camosciara (leaves)
<i>Gentiana dinarica*</i>	a Trumpet Gentian	Camosciara
<i>Gentiana lutea</i>	Great Yellow Gentian	Valle di Rose (leaves)
<i>Gentiana verna</i>	Spring Gentian	Valle di Rose
Geraniaceae	Crane's-bill Family	
<i>Erodium cicutarium</i>	Common Stork's-bill	Val Fondillo
<i>Geranium cinereum subsp. subcaulescens</i>	a Crane's-bill	Pesco di Lordo
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	
<i>Geranium lucidum</i>	Shining Crane's-bill	Camosciara
<i>Geranium macrorrhizum</i>	Rock Crane's-bill	Valle di Rose
<i>Geranium molle</i>	Dove's-foot Crane's-bill	Hotel
<i>Geranium purpureum</i>	Little Robin	Hotel
<i>Geranium pyrenaicum</i>	Hedgerow Crane's-bill	Camosciara
<i>Geranium reflexum</i>	Reflexed Crane's-bill	Pesco di Lordo (in bud)
<i>Geranium robertianum</i>	Herb Robert	Pesco di Lordo
Globulariaceae	Globularia Family	
<i>Globularia cordifolia</i>	Matted Globularia	Val Fondillo (leaves)
<i>Globularia punctata</i>	Common Globularia	Camosciara
Grossulariaceae	Gooseberry Family	
<i>Ribes uva-crispa</i>	Gooseberry	Valle di Rose
Lamiaceae	Deadnettle Family	
<i>Acinos alpina</i>	Alpine Basil Thyme	Valle di Rose
<i>Ajuga chamaepitys</i>	Ground Pine	Val Fondillo
<i>Ajuga reptans</i>	Bugle	Camosciara

Scientific name	Common name	Location
<i>Lamium album</i>	White Dead-nettle	Camosciara
<i>Lamium garganicum</i>	Large Red Dead-nettle	Camosciara
<i>Melittis melissophyllum</i>	Bastard Balm	Camosciara
<i>Mentha aquatica</i>	Water Mint	Val Fondillo
<i>Mentha longifolia</i>	Horse Mint	Camosciara
<i>Salvia verbenaca</i>	Wild Clary	Val Fondillo
<i>Satureja montana</i>	Winter Savory	Barrea (leaves)
<i>Sideritis syriaca</i>	A Sideritis	Orchid bank
<i>Stachys germanica</i>	Downy Woundwort	Val Fondillo
<i>Thymus serpyllum</i>	Wild Thyme	Val Fondillo
<i>Thymus striatus</i>	a Wild thyme	Barrea
Lentibulariaceae	Butterwort Family	
<i>Pinguicula vallis-regiae</i> *	A large-flowered Butterwort	Camosciara
Linaceae	Flax Family	
<i>Linum bienne</i>	Pale Flax	Barrea
<i>Linum catharticum</i>	Fairy (Purging) Flax	Val Fondillo
<i>Linum perenne</i>	Perennial Flax	Orchid bank
Malvaceae	Mallow Family	
<i>Malva sylvestris</i>	Common Mallow	Barrea
Oleaceae	Olive Family	
<i>Fraxinus excelsior</i>	Ash	Camosciara
<i>Fraxinus ornus</i>	Flowering Ash	Camosciara
Orobanchaceae	Broomrape Family	
<i>Orobanche caryophyllacea</i>	Bedstraw Broomrape	Val Fondillo
Papaveraceae	Poppy Family	
<i>Chelidonium majus</i>	Greater Celandine	Camosciara
<i>Papaver argemone</i>	Prickly Poppy	Camosciara
<i>Papaver rhoeas</i>	Common Poppy	Roadsides
Plantaginaceae	Plantain Family	
<i>Plantago atrata</i>	Dark Plantain	Valle di Rose
<i>Plantago lanceolata</i>	Ribwort Plantain	Widespread
<i>Plantago major</i>	Greater Plantain	Pesco di Lordo
<i>Plantago media</i>	Hoary Plantain	Widespread
Plumbaginaceae	Thrift Family	
<i>Armeria canescens</i>	Plantain-leaved Thrift	Valle di Rose
<i>Armeria maritima subsp. alpina</i>	Mountain Thrift	Valle di Rose
Polygalaceae	Milkwort Family	
<i>Polygala chamaebuxus</i>	Shrubby Milkwort	Camosciara
<i>Polygala nicaeensis</i>	Nice Milkwort	Camosciara
<i>Polygala serpyllifolia</i>	Thyme-leaved Milkwort	Val Fondillo

Scientific name	Common name	Location
Polygonaceae <i>Rumex scutatus</i>	Knotweed Family French Sorrel	Hotel car park
Primulaceae <i>Anagallis arvensis</i> <i>Androsace villosa</i> <i>Primula auricula</i> <i>Primula vulgaris</i> <i>Soldanella alpina</i>	Primrose Family Scarlet Pimpernel Ciliate Rock-jasmine Bear's-ear Primrose Alpine Snowbell	Barrea Valle di Rose Valle di Rose Camosciara Valle di Rose
Pyrolaceae <i>Hypopitys monotropa</i> <i>Pyrola media</i>	Wintergreen Family Yellow Bird's-nest Intermediate Wintergreen	Near Hotel Camosciara
Ranunculaceae <i>Actea spicata</i> <i>Anemone nemorosa</i> <i>Aquilegia vulgaris</i> <i>Delphinium halteratum</i> <i>Helleborus foetidus</i> <i>Hepatica nobilis</i> <i>Pulsatilla alpina</i> <i>Ranunculus apenninus</i> <i>Ranunculus bulbosus</i> <i>Ranunculus ficaria agg</i> <i>Ranunculus lanuginosus</i> <i>Ranunculus millefoliatus</i> <i>Ranunculus monspeliacus</i> <i>Ranunculus thora</i> <i>Thalictrum aquilegifolium</i>	Buttercup Family Baneberry Wood Anemone Columbine a Delphinium Stinking Hellebore Hepatica Alpine Pasque Flower Apennine Buttercup Bulbous Buttercup Lesser Celandine A Buttercup Million-leaved Buttercup - Thore's Buttercup Great Meadow-rue	Pesco di Lordo Camosciara (lvs) Camosciara Val Fondillo (leaves) Camosciara Camosciara (leaves) Valle di Rose Valle di Rose Camosciara Valle di Rose Camosciara Pesco di Lordo Val Fondillo Camosciara Camosciara
Resedaceae <i>Reseda lutea</i>	Mignonette Family Wild Mignonette	Roadsides
Rhamnaceae <i>Rhamnus alpinus</i> <i>Rhamnus saxatilis</i>	Buckthorn Family Alpine Buckthorn Rock Buckthorn	Valle di Rose Barrea
Rosaceae <i>Alchemilla alpina</i> <i>Alchemilla c.f. colorata</i> <i>Aremonia agimonoides</i> <i>Cotoneaster integerrimus</i> <i>Crataegus monogyna</i> <i>Fragaria vesca</i> <i>Geum urbanum</i> <i>Malus sylvestris</i> <i>Potentilla crantzii</i> <i>Potentilla detommasii</i> <i>Prunus mahaleb</i>	Rose Family Alpine Lady's Mantle a Lady's Mantle Bastard Agrimony Wild Cotoneaster Hawthorn Wild Strawberry Wood Avens Crab Apple Alpine Cinquefoil A Sulphur Cinquefoil St. Lucie's Cherry	Valle di Rose Pesco di Lordo Pesco di Lordo Barrea Camosciara Camosciara Camosciara Camosciara Valle di Rose Val Fondillo Barrea

Scientific name	Common name	Location
<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	Valle di Rose
<i>Sanguisorba minor</i>	Salad Burnet	Widespread
<i>Sorbus aria</i>	Whitebeam	Val Fondillo
<i>Sorbus aucuparia</i>	Rowan	Camosciara
Rubiaceae	Bedstraw Family	
<i>Cruciata laevipes</i>	Crosswort	Widespread
<i>Galium aparine</i>	Cleavers	Camosciara
<i>Galium mollugo</i>	Hedge Bedstraw	Camosciara
<i>Galium odoratum</i>	Woodruff	Pesco di Lordo
<i>Galium verum</i>	Lady's Bedstraw	Castel Mancino
<i>Sherardia arvensis</i>	Field Madder	Camosciara
Salicaceae	Willow Family	
<i>Populus nigra</i> agg.	Black Poplar	Val Fondillo
<i>Populus tremula</i>	Aspen	Val Fondillo
<i>Salix alba</i>	White Willow	Val Fondillo
<i>Salix caprea</i>	Goat Willow	Val Fondillo
<i>Salix purpurea</i>	Purple Willow	Camosciara
Santalaceae	Sandelwood Family	
<i>Thesium linophyllum</i>	Fine-leaved Bastard Toadflax	Val Fondillo
Saxifragaceae	Saxifrage Family	
<i>Saxifraga adscendens</i> c.f. <i>subsp. parnassica</i>	Biennial Saxifrage	Valle di Rose
<i>Saxifraga bulbifera</i>	Bulbous Saxifrage	Val Fondillo
<i>Saxifraga callosa</i>	Thick-leaved Saxifrage	Barrea
<i>Saxifraga exarata</i> subsp. <i>ampullacea</i>	a Musky Saxifrage	Valle di Rose (leaves)
<i>Saxifraga granulata</i>	Meadow Saxifrage	Hotel
<i>Saxifraga paniculata</i>	Live-long Saxifrage	Barrea
<i>Saxifraga porophylla</i> *	Reddish Saxifrage	Val Fondillo
<i>Saxifraga rotundifolia</i>	Round-leaved Saxifrage	Pesco di Lordo
<i>Saxifraga tridactylites</i>	Rue-leaved Saxifrage	Hotel car park
Scrophulariaceae	Figwort Family	
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	Hotel car park
<i>Digitalis ferruginea</i>	Brown Foxglove	Camosciara (leaves)
<i>Euphrasia</i> agg.	Eyebright	Camosciara
<i>Linaria purpurea</i>	Purple Toadflax	Orchid bank
<i>Pedicularis hoermanniana</i>	a Leafy Lousewort	Camosciara
<i>Rhinanthus minor</i>	Yellow Rattle	Camosciara
<i>Rhinanthus wettsteinii</i>	Apennine Rattle	Val Fondillo
<i>Scrophularia canina</i> subsp. <i>canina</i>	Dog (French) Figwort	Pesco di Lordo
<i>Scrophularia canina</i> subsp. <i>hoppii</i>	Alpine Figwort	Camosciara
<i>Scrophularia scopolii</i>	Italian Figwort	Val Fondillo
<i>Scrophularia vernalis</i>	Yellow Figwort	Val Fondillo

Scientific name	Common name	Location
<i>Verbascum pulverulentum</i>	Hoary Mullein	Pesco di Lordo
<i>Verbascum thapsus</i>	Aaron's Rod	Camosciara
<i>Veronica beccabunga</i>	Brooklime	Val Fondillo
<i>Veronica chamaedrys</i>	Germander Speedwell	Camosciara
<i>Veronica officinalis</i>	Heath Speedwell	Pesco di Lordo
<i>Veronica orsiniana</i>	a Speedwell	Pesco di Lordo
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	Pesco di Lordo
Thymelaeaceae	Daphne Family	
<i>Daphne laureola</i>	Spurge Laurel	Camosciara
<i>Daphne mezereum</i>	Mezereon	Valle di Rose
<i>Daphne oleoides</i>	-	Valle di Rose
Urticaceae	Nettle Family	
<i>Urtica dioica</i>	Nettle	Widespread
Valerianaceae	Valerian Family	
<i>Valeriana officinalis</i>	Common Valerian	Camosciara
<i>Valeriana tuberosa</i>	Tuberous Valerian	Valle di Rose
<i>Valerianella locusta</i>	Common Cornsalad	Val Fondillo
Violaceae	Violet Family	
<i>Viola arvensis</i>	Field Pansy	Pesco di Lordo
<i>Viola eugeniae*</i>	a Pansy	By Hotel
<i>Viola riviniana</i>	Common Dog Violet	Camosciara
Viscaceae	Mistletoe Family	
<i>Viscum album</i>	Mistletoe	Camosciara
Liliidae (Monocotyledons)		
Araceae	Arum Family	
<i>Arum italicum subsp. neglectum</i>	Large Cuckoo Pint	Pesco di Lordo
Cyperaceae	Sedge Family	
<i>Carex caryophyllaea</i>	Spring Sedge	Valle di Rose
Iridaceae	Iris Family	
<i>Crocus vernus</i>	Spring Crocus	Valle di Rose
<i>Iris marsica*</i>	Marsican Iris	Pesco di Lordo
Liliaceae	Lily Family	
<i>Allium schoenocephalum</i>	Chives	Valle di Rose
<i>Allium vineale</i>	Crow Garlic	Serena's Bend
<i>Anthericum liliago</i>	St. Bernards Lily	Serena's Bend
<i>Colchicum autumnale</i>	Autumn Crocus	Camosciara (seeds)
<i>Galanthus nivalis</i>	Snowdrop	Near Hotel
<i>Muscari comosum</i>	Tassel Hyacinth	Val Fondillo
<i>Muscari neglecta</i>	Dark Grape Hyacinth	Val Fondillo
<i>Ornithogalum angustifolium</i>	Common Star of Bethlehem	Camosciara

Scientific name	Common name	Location
<i>Paris quadrifolia</i>	Herb Paris	Pesco di Lordo
<i>Polygonatum multiflorum</i>	Solomon's Seal	Camosciara
<i>Scilla bifolia</i>	Alpine Squill	Valle di Rose
<i>Veratrum album subsp lobelianum</i>	White False Helleborine	Camosciara
Orchidaceae	Orchid Family	
<i>Cephalanthera damasonium</i>	White Helleborine	Valle di Rose
<i>Cephalanthera longifolia</i>	Sword-leaved Helleborine	Camosciara
<i>Corallorhiza trifida</i>	Coralroot Orchid	Camosciara
<i>Cypripedium calceolus</i>	Lady's Slipper Orchid	Camosciara
<i>Dactylorhiza fuchsii</i>	Common Spotted-orchid	Camosciara
<i>Dactylorhiza incarnata</i>	Early Marsh Orchid	Val Fondillo
<i>Dactylorhiza sambucina (Magenta)</i>	Elderflower Orchid	Slopes of Mt Godi (over)
<i>Epipactis helleborine</i>	Broad-leaved Helleborine	Val Fondillo
<i>Gymnadenia conopsea agg</i>	Fragrant Orchid	Val Fondillo
<i>Himantoglossum adriaticum</i>	Adriatic Lizard Orchid	Orchid bank
<i>Neottia ovata</i>	Twayblade	Camosciara
<i>Neottia nidus-avis</i>	Bird's Nest Orchid	Camosciara
<i>Ophrys dinarica</i>	A Late Spider Orchid	Above Villetta Barrea
<i>Ophrys incubacea</i>	Dark Ophrys	Orchid bank
<i>Orchis anthropophora</i>	Man Orchid	Orchid bank
<i>Orchis mascula</i>	Early Purple Orchid	Orchid bank
<i>Orchis militaris</i>	Military Orchid	Camosciara
<i>Orchis morio</i>	Green-winged Orchid	Camosciara
<i>Orchis pauciflora</i>	Sparse Flowered Orchid	Orchid bank
<i>Orchis purpurea</i>	Lady Orchid	Camosciara
<i>Orchis tridentata</i>	Toothed Orchid	Val Fondillo
<i>Orchis ustulata</i>	Burnt Orchid	Barrea
<i>Orchis mascula x O. pauciflora</i>	Hybrid	Slopes of Mt Godi
<i>Orchis ustulata x O. tridentata</i>	Hybrid	Bear Meadow
<i>Platanthera chlorantha</i>	Greater Butterfly Orchid	Bear Meadow
Poaceae	Grass Family	
<i>Briza media</i>	Quaking Grass	Bear Meadow
<i>Cynosurus echinatus</i>	Rough Dog's-tail	Barrea
<i>Dactylis glomerata</i>	Cocksfoot Grass	Widespread
<i>Festuca glauca</i>	Blue Fescue	Val Fondillo
<i>Lagurus ovata</i>	Hare's-foot grass	Barrea
<i>Melica uniflora</i>	Wood Melick	Valle di Rose
<i>Phleum pratense</i>	Timothy	Roadsides
<i>Poa bulbosa subsp. vivipara</i>	Viviparous Meadow-grass	Widespread

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

	Common name	Scientific name	May/June								
			31	1	2	3	4	5	6	7	
1	Mallard	<i>Anas platyrhynchos</i>		3					2		
2	Great Crested Grebe	<i>Podiceps cristatus</i>							3		
3	Golden Eagle	<i>Aquila circaetos</i>				2			1	1	
4	Short-toed Eagle	<i>Circaetus gallicus</i>					1				
5	Common Buzzard	<i>Buteo buteo</i>		1						1	
6	Northern Goshawk	<i>Accipiter gentilis</i>				1					
7	Common Kestrel	<i>Falco tinnunculus</i>	1			1					
8	Eurasian Coot	<i>Fulica atra</i>							1		
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	H	H	H	H	H	H	H
12	Tawny Owl	<i>Strix aluco</i>				H					
13	European Nightjar	<i>Caprimulgus europaeus</i>		H							
14	Common Swift	<i>Apus apus</i>	✓	✓	✓	✓	✓	✓	✓	✓	
15	Eurasian Hoopoe	<i>Upupa epops</i>		H+1	H+1	H	H	1	H		
16	European Green Woodpecker	<i>Picus viridis</i>						H+1			
17	Great Spotted Woodpecker	<i>Dendrocopos major</i>					H				
18	Middle Spotted Woodpecker	<i>Dendrocopos medius</i>					1	1	H		
19	Eurasian Wryneck	<i>Jynx torquilla</i>	H	H	H			H	H		
20	Woodlark	<i>Lullula arborea</i>				H					
21	Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
22	Common House Martin	<i>Delichon urbica</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	Water Pipit	<i>Anthus spinoletta</i>				✓					
24	Meadow Pipit	<i>Anthus pratensis</i>								1	
25	Tree Pipit	<i>Anthus trivialis</i>			1						
26	White Wagtail	<i>Montacilla alba</i>		2	1	1	2	✓	1		
27	White-throated Dipper	<i>Cinclus cinclus</i>		?							
28	Dunnock	<i>Prunella modularis</i>	✓								
29	Alpine Accentor	<i>Prunella collaris</i>				H+1					
30	European Robin	<i>Erithacus rubecula</i>		✓	✓	✓	✓				
31	Common Nightingale	<i>Luscinia megarhynchos</i>						H+1			
32	Common Redstart	<i>Phoenicurus phoenicurus</i>		✓	✓	✓	✓	✓	✓	✓	✓
33	Black Redstart	<i>Phoenicurus ochrurus</i>		✓	✓	✓	✓	✓	✓	✓	✓
34	Northern Wheatear	<i>Oenanthe oenanthe</i>			✓	✓		✓			
35	Black-eared Wheatear	<i>Oenanthe hispanica</i>				✓	✓			1	
36	Common Stonechat	<i>Saxicola torquata</i>			H			1	H		
37	Song Thrush	<i>Turdus philomelos</i>		1	H	H	✓	H	H		
38	Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓
39	Garden Warbler	<i>Sylvia borin</i>					1	1			
40	Blackcap	<i>Sylvia atricapilla</i>	✓	✓	✓	✓	✓	✓	✓	✓	H
41	Sardinian Warbler	<i>Sylvia melanocephala</i>			H		1				
42	Melodious Warbler	<i>Hippolais polyglotta</i>					?				
43	Wood Warbler	<i>Phylloscopus sibilatrix</i>		H+1							
44	Western Bonelli's Warbler	<i>Phylloscopus bonelli</i>			H	H	✓	✓			
45	Common Chiffchaff	<i>Phylloscopus colybita</i>		H	H	✓	✓	✓	✓		
46	Firecrest	<i>Regulus ignicapillus</i>			2					3	
47	Winter Wren	<i>Troglodytes troglodytes</i>		H			✓				

	Common name	Scientific name	May/June							
			31	1	2	3	4	5	6	7
48	Spotted Flycatcher	<i>Muscicarpa striata</i>		1	1			1		
49	Great Tit	<i>Parus major</i>		H	✓	✓	✓	✓	✓	
50	Coal Tit	<i>Periparus ater</i>		✓	✓	✓	✓	✓	✓	✓
51	European Blue Tit	<i>Cyanistes caeruleus</i>		✓	✓	✓	✓	✓	✓	✓
52	Marsh Tit	<i>Poecile palustris</i>		1	1				2	
53	Eurasian Nuthatch	<i>Sitta europaea</i>			1		6			
54	Eurasian Treecreeper	<i>Certhia familiaris</i>		H						
55	Short-toed Treecreeper	<i>Certhia brachydactyla</i>					2		2	
56	Red-backed Shrike	<i>Lanius collurio</i>		1	5		2	6	1	
57	Common Magpie	<i>Pica pica</i>	✓	✓	✓	✓	✓	✓	✓	✓
58	Eurasian Jay	<i>Garrulus glandarius</i>	✓	✓				2		
59	Western Jackdaw	<i>Corvus monedula</i>	✓							
60	Red-billed Chough	<i>Pyrrhocorax pyrrhocorax</i>				H		H+1		
61	Hooded Crow	<i>Corvus cornix</i>	✓	✓	✓	✓	✓	✓	✓	✓
62	Carrion Crow	<i>Corvus corone</i>	✓							
63	Common Raven	<i>Corvus corax</i>				1				
64	Common Starling	<i>Sturnus vulgaris</i>	✓	✓	✓	✓	✓	✓	✓	✓
65	Italian Sparrow	<i>Passer domesticus italiae</i>	✓	✓	✓	✓	✓	✓	✓	✓
66	Eurasian Tree Sparrow	<i>Passer montanus</i>		✓	✓	✓	✓	✓	✓	✓
67	Common Chaffinch	<i>Fringilla coelebs</i>	✓	✓	✓	✓	✓	✓	✓	✓
68	Common Linnet	<i>Acanthus cannabina</i>							3	
69	European Goldfinch	<i>Carduelis carduelis</i>		✓	✓	✓	✓		3	
70	European Greenfinch	<i>Chloris chloris</i>			✓		1			
71	European Serin	<i>Serinus serinus</i>	✓	✓	✓	✓	✓	✓	✓	✓
72	Eurasian Bullfinch	<i>Pyrrhula pyrrhula</i>		2			4	2	H	
73	Yellowhammer	<i>Emberiza citrinella</i>	✓	H+1	✓	H	✓	✓	✓	✓
74	Cirl Bunting	<i>Emberiza cirius</i>		H			1	1		
75	Corn Bunting	<i>Emberiza calandra</i>	✓	✓	✓	✓	✓	✓	✓	✓

Mammals

1	Blind Mole	<i>Talpa caeca</i>				Hills	Hills			
2	Red Fox	<i>Vulpes vulpes</i>		1		D	D			
3	Apennine Wolf	<i>Canis lupus italicus</i>					2+D			
4	Marsican Brown Bear	<i>Ursus arctos marsicanus</i>	1♂							
5	Red Deer	<i>Cervus elaphus</i>		5	4	2	1	7		
6	Roe Deer	<i>Capreolus capreolus</i>		H	1	1				
7	Apennine or Abruzzo Chamois	<i>Rupicapra pyrenaica ornata</i>				5				
8	Wild Boar	<i>Sus scrofa</i>		23			12			
9	Bank Vole	<i>Clethrionomys glareolus</i>			1	10	2			
10	Wood Mouse	<i>Apodemus sylvaticus</i>		1				1		

Reptiles & Amphibians

1	Common Toad	<i>Bufo bufo</i>					2			
2	cf Italian Hybrid Frog	<i>cf Rana kl. hispanica</i>						H		
3	Italian Western Green Lizard	<i>Lacerta bilineata ssp. fejevaryi</i>						1	1	
4	Common Wall Lizard	<i>Podarcis muralis</i>		✓	✓	✓		✓	✓	
5	Italian Wall Lizard	<i>Podarcis sicula</i>							✓	
6	Slow Worm	<i>Anguis fragilis</i>		1						

	Common name	Scientific name	May/June							
			31	1	2	3	4	5	6	7
7	Asp Viper	<i>Vipera aspis</i>				1				

Fish

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

Butterflies

1	Swallowtail	<i>Papilio machaon</i>								✓
2	Scarce Swallowtail	<i>Iphiclides podalirius</i>				✓		✓	✓	
3	Clouded Apollo	<i>Parnassius mnemosyne</i>				✓	✓		✓	
4	Wood White	<i>Leptidea sinapis</i>		✓	✓	✓			✓	
5	Black-veined White	<i>Aporia crataegi</i>				✓				
6	Large White	<i>Pieris brassicae</i>		✓		✓		✓	✓	
7	Small White	<i>Pieris rapae</i>		✓	✓	✓	✓	✓	✓	
8	Eastern Bath White	<i>Pontia edusa</i>		✓			✓			
9	Moroccan Orange Tip	<i>Anthocharis belia</i>			✓					
10	Orange Tip	<i>Anthocharis cardamines</i>		✓	✓	✓	✓	✓	✓	
11	Berger's Clouded Yellow	<i>Colias alfacariensis</i>		✓	✓	✓	✓	✓	✓	
12	Clouded Yellow	<i>Colias crocea</i>		✓	✓	✓	✓	✓	✓	
13	Brimstone	<i>Gonepteryx rhamni</i>		✓						✓
14	Green Hairstreak	<i>Callophrys rubi</i>		✓	✓	✓		✓		
15	Sooty Copper	<i>Lycaena tityrus</i>			✓					
16	Purple-shot Copper	<i>Lycaena alciphron</i>								✓
17	Little Blue	<i>Cupido minimus</i>		✓	✓	✓	✓	✓	✓	
18	Osiris Blue	<i>Cupido osiris</i>			✓		✓	✓		
19	Large Blue	<i>Maculinea arion</i>					✓			
20	Baton Blue	<i>Pseudophilotes baton</i>								✓
21	Mazarine Blue	<i>Cyaniris semiargus</i>		✓			✓			
22	Turquoise Blue	<i>Plebicula dorylas</i>								✓
23	Adonis Blue	<i>Lysandra bellargus</i>		✓	✓	✓	✓	✓	✓	
24	Adonis Blue variant	<i>L. bellargus forma ceronus</i>						✓		
25	Common Blue	<i>Polyommatus icarus</i>		✓	✓	✓	✓	✓	✓	
26	Brown Argus	<i>Aricia agestis</i>				✓				✓
27	Peacock Butterfly	<i>Inachis io</i>			✓	✓	✓			
28	Red Admiral	<i>Vanessa atalanta</i>				✓	✓			
29	Painted Lady	<i>Vanessa cardui</i>		✓	✓	✓	✓	✓	✓	
30	Small Tortoiseshell	<i>Aglais urticae</i>		✓	✓	✓	✓	✓	✓	
31	Queen of Spain Fritillary	<i>Issoria lathonia</i>			✓	✓	✓			✓
32	Pearl-bordered Fritillary	<i>Boloria euphrosyne</i>		✓	✓		✓			✓
33	Glanville Fritillary	<i>Melitaea cinxia</i>			✓	✓		✓		
34	Spotted Fritillary	<i>Melitaea didyma</i>								?
35	Lesser Spotted Fritillary	<i>Melitaea trivia</i>								✓
36	Heath Fritillary	<i>Mellicta athalia</i>								?
37	Small Heath	<i>Coenonympha pamphilus</i>		✓	✓		✓	✓	✓	
38	Speckled Wood	<i>Pararge aegeria</i>		✓	✓	✓	✓			✓
39	Wall Brown	<i>Lasiommata megera</i>			✓	✓		✓	✓	
40	Grizzled Skipper	<i>Pyrgus malvae</i>		✓	✓	✓	✓			✓
41	Red-underwing Skipper	<i>Spialia sertorius</i>				✓		✓		

	Common name	Scientific name	May/June							
			31	1	2	3	4	5	6	7
42	Dingy Skipper	<i>Erynnis tages</i>		✓	✓	✓	✓			✓

Moths

1	Forester	<i>Adscita statices</i>								✓
2	Transparent Burnet	<i>Zygaena purpuralis</i>		✓	✓		✓	✓	✓	
3	Lackey	<i>Malacosoma neustria</i>		larva						
4	Small Emerald	<i>Hemistola chrysoprasaria</i>						✓		
5	Chimney Sweeper	<i>Odezia atrata</i>				✓				✓
6	Speckled Yellow	<i>Pseudopanthera macularia</i>				✓				
7	Hummingbird Hawkmoth	<i>Macroglossum stellatarum</i>						✓	✓	
8	Nine-spotted	<i>Amata phegea</i>								✓
9	Silver Y	<i>Autographa gamma</i>								✓
10	Mother Shipton	<i>Callistege mi</i>			✓					
11	Burnet Companion	<i>Euclidia glyphica</i>						✓		
12	Snout	<i>Hypena proboscidalis</i>			✓					

Other Invertebrates

1	Emperor Dragonfly	<i>Anax imperator</i>		✓						
2	a Darter	<i>Sympetrum sp</i>			✓					
3	Stonefly	<i>Perlidae sp.</i>		✓	✓					
4	Field Cricket	<i>Gryllus campestris</i>		✓	✓	✓	✓	✓	✓	
5	Hawthorn Shield Bug	<i>Acanthosoma haemorroidale</i>					✓	✓	✓	
6	Red and black Shield Bug	<i>Graphosoma italicum</i>						✓	✓	
7	Forest Bug	<i>Pentatoma rufipes</i>					✓			
8	Cicada	<i>Cicadetta montana</i>				H				
9	Ascalaphid	<i>Libelloides coccajus</i>			✓	✓		✓	✓	
10	Bee Fly	<i>cf Bombylius major</i>		✓						
11	Small black Bee Fly	<i>cf Bombylius ater</i>		✓		✓				
12	Carpenter Bee	<i>Xylocopa violacea</i>		✓	✓					✓
13	Ginger Bumble Bee	<i>Bombus pascuorum</i>		✓	✓	✓				✓
14	A Cuckoo Bee	<i>Bombus rupestris</i>			✓					
15	Cockchafer	<i>Melolontha melolontha</i>		✓			✓			
16	Rose Chafer	<i>Cetonia aurata</i>		✓		✓				
17	7-Spot Ladybird	<i>Coccinella 7-punctata</i>				✓				
18	a Longhorn Beetle	<i>Dorcadian arenarium</i>			✓					
19	A Blue-green Leaf Beetle	<i>Oreina cacaliae</i>				✓				