

The Apennines: Italy's Abruzzo National Park

Naturetrek Wildlife Festival Tour Report

23 - 30 May 2019



Alpine Pasque Flowers



Berger's Clouded Yellow



Lago de Barrea



Red Fox

Report by Jessica Turner
Images courtesy of Ian Tulloch



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Summary

The second week of this Abruzzo Wildlife Festival continued to provide some wonderful wildlife encounters in beautiful surroundings. We all enjoyed great views of a male Marsican Brown Bear from Gioia Vecchio, and some of the group saw Wolves in the early morning. Golden Eagles, Red Deer stags, Bee-eaters, Red-backed Shrikes were other highlights, along with the variety and numbers of orchids, especially at the fascinating Roman town of Alba Fucens. The views from the top of the Val di Rose, and the flowers and birds of this alpine habitat, not to mention the Abruzzo Chamois, contributed to a wonderful day, while the ancient Beech trees, with their mosses. Lichens, fungi and associated wildlife were another joy. The sheer beauty of the area was, at times, breathtaking. The season continued late and the weather was not ideal, but we still enjoyed some of the best of the area.

Geraldine and Marco, as ever, provided a warm welcome, delicious food and wonderful hospitality, introducing us to several local specialities. Everything contributed to an excellent week in a delightful location!

Day 1

Thursday 23rd May

UK to Rome to Pescasseroli

Group members arrived from the UK on various flights, meeting up with Jessica, Matt, Alan and Luca, who were already at the airport. The first two minibuses were therefore able to leave earlier, to make the journey up to Pescasseroli. The others, together with our other leader Martin, who had flown in from Gatwick, left later. We all had a smooth journey, the first ones arriving at about 5pm, the others at 7.30pm.

As we went, we were able to note Umbrella Pines (*Pinus pinea*), Hooded Crows, Yellow-legged Gulls, a few Swallows and Common Swifts and Little Egret and a group of Rose-ringed (Ring-necked) Parakeets were seen by some, among other birds. As we drove towards the mountains, we enjoyed the little hill-top villages and gorges of the Apennine foothills. We stopped for a break just inside Abruzzo Province and, soon after, the motorways branched, and we took the A24 towards Pescara. The sky was inky-black, and we had some very heavy, thundery rain, although it didn't last, and soon brightened again. We passed the flat plain that is the remains of Lake Fucino, once the third largest lake in Italy, and left the autostrada beyond Avezzano, to drop down to Pescara. We drove round the edge of the plain before climbing up into the National Park, noting the bright yellow Laburnum (*Laburnum anagyroides*), and some hearing Nightingale as we left the autostrada and on the plain. Common Buzzard and Common Kestrel were also seen by some.

We stopped at Gioia Vecchio to scan the valley and slopes, although all was quiet, in terms of mammals, the later group seeing a Roe Deer and a Red Deer by the road. We drove through Pescasseroli to the Albergo Paradiso, where we received the usual very warm welcome from Geraldine and Marco. The earlier group had time to

explore the area and relax, and we all met up for a delicious dinner, during which Jessica outlined plans for the morrow. After a very long day, we then retired to bed.

Day 2

Friday 24th May

Around Hotel; Camosciara; Gioia Vecchio

We woke to a fine morning, and some of the group ventured out at 7am, to explore the local area. Tree Sparrows, Common Redstart and Serins were around the hotel, and good views were had of Cirl Bunting and Black Redstart. Wryneck and Hoopoe were calling nearby.

After a delicious breakfast, we set off down the Sangro valley, past the little hill-top village of Opi, to our first destination, the valley of Camosciara, at the centre of the National Park. The sun was warm, and we enjoyed the fresh greens of the vegetation, especially the Beech (*Fagus sylvatica*) trees. Having parked, we scanned the hill slopes around us, especially of Monte Marsicano, behind, finding a few Red Deer. A Golden Eagle flew above the mountain. Common Redstart was around the car park, giving some lovely views. This valley is quite wooded, with Dogwood (*Cornus sanguinea*), Cornelian Cherry (*Cornus mas*), Goat Willow (*Salix caprea*), Wild Pear (*Pyrus pyraster*), Field Maple (*Acer campestre*), as well as Turkey Oak (*Quercus cerris*) in the lower part. Cuckoos were calling constantly, Blackcaps, Chiffchaff, Song Thrush and Wren were singing, and Marsh Tit was seen. We set off up the road, finding spikes of Lady Orchid (*Orchis purpurea*), Twayblade (*Neottia ovata*) and Early Purple Orchids (*Orchis mascula* subsp. *speciosa*) with pointed petals and sepals, under the trees. Early butterflies included Orange Tip, Brimstone, Wood White and Painted Lady, and a Red-breasted Carrion Beetle (*Oiceoptera thoracica*) was seen. In more open areas, we added Red-backed Shrike, perched on Juniper bushes (*Juniperus communis*), Wild Clary (*Salvia verbenaca*), Horseshoe Vetch (*Hippocrepis comosa*), False Vetch (*Astragalus monspessulanus*), Common Globularia (*Globularia vulgaris*) and the white flowers of a Star-of-Bethlehem *Ornithogalum collinum*, amongst a host of other species. A beautiful Scarce Swallowtail, Common Blue, Small Heath, Clouded Yellow and Large Tortoiseshell were added to the butterfly list, and Western Green Lizard and Common Wall Lizard were seen. A Honey Buzzard was seen over the hill slopes.

By the stream, we found the beautiful blue endemic Trumpet Gentian (*Gentiana dinarica*), a spike of Columbine (*Aquilegia vulgaris*), Shrubby Milkwort (*Polygala chamaebuxus*) with red- or yellow-and-white flowers, Bird's-nest Orchid (*Neottia nidus-avis*) and a Sword-leaved Helleborine (*Cephalanthera longifolia*) still in bud. The mauve Coralroot Bittercress was flowering beautifully, as was Apennine Lungwort (*Pulmonaria apennina*), and we noted the large leaves of Green False-helleborine (*Veratrum lobelianum*). Unfortunately, most of the Lady's Slipper Orchids (*Cypripedium calceolus*) were barely showing buds, but one plant had a flower which was out, although not easy to access, due to fencing works.

After stopping for coffee at the little bar at the end of the road, the group split, with some returning, and others going further. The latter group climbed through the Beech wood to the waterfalls Cascata delle Tre Cannelle and Cascata delle Ninfe (Cascade of Three Channels and Cascade of the Nymphs), magnificent after all the rain. Wood Warblers were singing, Bonelli's Warbler was seen well, and a Dipper was in the stream. The yellow Bear's Ears (*Primula auricula*) were over, but Coralroot Orchids (*Corallorhiza trifida*) were found under the trees. As they

returned, a Goshawk was seen, being mobbed by a Kestrel. The others walked back down the road, continuing to enjoy the ambience.

We returned to the hotel for a tasty picnic which included local cheeses and wines, before having some free time to rest or explore further the area near the hotel. The wonderful endemic Pansies (*Viola eugeniae*) were a particular feature, while the Short-toed Treecreepers nesting in the garden were also appreciated. A Red Squirrel (very dark chocolate-brown, here) was seen in the garden, too. We met later to update our checklists and then enjoy an excellent dinner, before heading out to catch the last of the evening light. A Fox was by the road. At Gioia Vecchio, other watchers told us that a Bear had been seen a few minutes before, and it was not long before it was spotted again. The whole group got excellent views of this iconic mammal, a large male, as he climbed the slopes opposite, appearing and then disappearing through the patchwork of trees and bushes. What a privilege! This was a different Bear from the female seen by the previous group, and one regular watcher had seen the two mating, the previous Saturday. Roe and Red Deer, a Golden Eagle and a single Wild Boar were also seen in the fading light, but we were all delighted to have seen a Marsican Brown Bear.

Day 3

Saturday 25th May

Bisegna road or round hotel; Val Fondillo; Opi; Bisegna viewpoint

Some of the group were out at first light (5.15am) in a misty morning, seeing a lovely group of mixed Red Deer stags and hinds and a hunting Fox. Some of the group were fortunate to see four Wolves crossing a meadow but, unfortunately, not everyone got to see them before they vanished in the mist. Others went out at 7am to look at the birds round the hotel, with excellent views of Firecrest, Common Redstart, Northern Wheatear, Cirl Bunting and Woodlark being enjoyed. A moth trap was run in the garden overnight, with the key species including Silver Cloud, Gem, Light Feathered Rustic and the European Noctuid *Hadena magnoliae*, together with lots of Cockchafers.

After another excellent breakfast, the group gathered in the morning sun, some hearing a Wryneck. With picnic bought, we set off again, down the Sangro valley to Val Fondillo, near Opi. This large, flat-bottomed valley holds a variety of habitats. We parked by the Visitor Centre and first scanned the slopes of Monte Marsicano, behind, finding a few Abruzzo Chamois, but they were difficult to see. We then set off up the track, soon finding beautifully fresh Adonis Blues on a sunny bank. Plants included Nice Milkwort (*Polygala nicaeensis*), Southern Red Bartsia (*Parentucellia latifolia*), Ground Pine (*Ajuga chamaepitys*) and Yellow Milkwort (*Polygala flavescens*). A pair of Red-backed Shrikes showed well on the Juniper bushes. Moving across the valley, we added Green-winged Orchids (*Anacamptis morio*), emerging Toothed Orchids (*Neotinea tridentata*), and both Sword-leaved and White Helleborine (*Cephalanthera longifolia* and *C. damasonium*). Butterflies included Clouded Yellow, Berger's Clouded Yellow, Green Hairstreak, Red-underwing Skipper, Southern Grizzled and Dingy Skippers, a Duke of Burgundy, Common Blue and Queen of Spain Fritillary. Towards the Beech trees at the edge of the valley there was a magnificent display of mainly yellow, but also purple and mauve *Viola eugeniae* and under the trees, a beautiful bank of *Gentiana dinarica*, the endemic deep-blue Trumpet Gentian. On a sunny bank we found Hoary Rock-rose (*Helianthemum oelandicum* subsp. *incanum*), Spiny Broom (*Cytisus spinescens*) and the leaves of the endemic Hound's-tongue *Cynoglossum majallense*.

We dropped down to the stream, which showed evidence of extensive and severe winter flooding, although the new bridge had survived. The rocks forming a small cave held the Reddish Saxifrage *Saxifraga porophylla*, another endemic flowering well, and the strange-coloured Cut-leaved Dame's Violet (*Hesperis laciniata*). Nearby, a few Military Orchids (*Orchis militaris*) were just coming out. Field Crickets were chirping, and several were walking or at the entrance to their burrows. We continued to explore the area, adding Marsh Tit, among other species, before wandering back to the Visitor Centre. We ate another fine picnic at the tables nearby, enjoying the mountain scenery around us.

Afterwards, we visited the little hill-top village of Opi, driving up the steep road to the village. We parked on the main street and spent some time exploring and admiring the magnificent views in every direction. We also learnt a little of the sad history of this village. Four Abruzzo Chamois were seen clearly in the Sanctuary area, Crag Martins were flying round the church, Swifts were overhead and Black Redstart was seen. We then returned to the hotel for a break, before meeting again for lists and dinner.

Making the most of a fine day before forecast rain, this evening, we opted to go to the Bisegna viewpoint. Mammal-wise it was quiet, but we heard Skylark, Corn Bunting and the constant Field Crickets and Cuckoos were joined by Tawny Owl and a Scops Owl (a species only recorded once before in the last 12 years of Naturetrek groups here). We also looked at orchids on the slope: there was a lemon-yellow Elder-flowered Orchid (*Dactylorhiza sambucina*) and a couple of Sparse-flowered Orchids (*Orchis pauciflora*), so we were able to compare the two species, the former having obvious leafy bracts in the flower. There were also many Early Purple Orchids (*Orchis mascula* subsp. *speciosa*) and hybrids with Sparse-flowered (*Orchis* × *colemanni*), showing a range of intermediate colours and mixtures of characters. On the return journey, some saw a Brown Hare, and two Red Deer and a Fox were seen by torchlight.

Day 4

Sunday 26th May

Alba Fucens via Bisegna and Pescina, back on Circonfucense

This morning dawned grey with rain, as forecast, but the rain was lighter than expected, and only patchy in the morning. The forecast for the whole day was poor, so we decided to go lower, to visit the Roman remains at Alba Fucens, north of Avezzano. After a leisurely breakfast, we left at 9.30am and took the Bisegna road out of the Park. As we drove, we noted a fine display of Leopard's-bane (*Doronicum columnae*) flowering under the fresh-green Beech trees.

We stopped by a rocky cliff just outside the village of Bisegna, where we had superb views of a singing male Rock Bunting. It was a fascinating area for plants, with carpets of White Rock-rose (*Helianthemum apenninum*) and the beautiful blue Perennial Flax *Linum alpinum*. Other plants included the cream-coloured Golden Drops (*Onosma echioides*), the tiny pink-flowered Burnt Candytuft (*Aethionema saxatile*), Spiny Broom (*Cytisus spinescens*) with yellow-brown flowers, shrubs of broom-like Scorpion-vetch (*Hippocrepis emerus*) and Amelanchier (*Amelanchier ovalis*). There were also a number of Early Spider Orchids (*Ophrys sphegodes*) and a few of the *Ophrys promontorii* type, with a more pointed lip, which is now classified as *Ophrys* × *flavicans*, being of hybrid origin.

Taxonomists generally fall into two groups when identifying this family: the 'splitters', looking at physical variations, and the 'lumpers', usually working with DNA. As *Ophrys* hybridise readily and show evolution in action, as well as individual variation, they can be hard to name.

We stopped for coffee in Pescina, where the band was playing in the square, Swifts were screaming overhead, and a White Helleborine (*Cephalanthera damasonium*) was in flower. A path by the river held a number of interesting insects: colour variants of 2-spot and 10-spot Ladybirds, Cream-spot Ladybird, Red-tailed Bumblebee and the red-and-black Froghopper *Cercopis vulnerata* among them. A Spotted Flycatcher was also seen. From there, it was about a half-hour drive to Alba Fucens, along the northern edge of the plain that was Lake Fucino, once the third largest lake in Italy. The settlement was originally an ancient Italic town, on the border between the Marsi and the Equi tribes, taken over by a Roman colony, due to its strategic importance (on the edge of the lake and the route to the coast), but finally destroyed by the Saracens in the 10th Century. It has a large amphitheatre and well-preserved streets and columns, and also holds interesting plants, birds and insects. With the weather being wet, we arranged for a hot meal in the dry, so we all enjoyed a plate of pasta in a local café, before donning waterproofs to explore the area, although the rain was generally light.

The group split, with some visiting mainly the streets and buildings, others heading towards the impressive amphitheatre and the grassy area behind it. We found the site to be very rich in orchids, with Toothed Orchids (*Neotinea tridentata*), Green-winged Orchids (*Anacamptis morio*), a couple of Burnt Orchids (*Neotinea ustulata*) on the bank of the amphitheatre, and a range of Early Spider Orchids (*Ophrys sphegodes*), Dark Ophrys (*O. sphegodes* subsp. *atrata*), Late Spider Orchids (*O. fuciflora*), Bertoloni's Bee Orchids (*O. bertolonii*), together with Man Orchids (*Orchis anthropophora*) and some Adriatic Lizard Orchids (*Himantoglossum adriaticum*), one particularly magnificent, in the grassy area behind the theatre. It was a real orchid-fest! As well as all of these, other plants included Bedstraw Broomrape (*Orobanche caryophyllacea*), Sideritis (*Sideritis italica*) and the red-flowered pea *Lathyrus sphaericus*. Butterflies included Common Blue, Baton Blue, Small Heath, Spotted Fritillary and an Oberthur's Grizzled Skipper, all resting on plant stems, and we also saw an Ascalaphid. The silken webs and caterpillars of Spindle Ermine moth (on Spindle bushes), Bird Cherry Ermine (on Blackthorn and St. Lucie's Cherry) were noted, and we enjoyed a magnificent Narrow-bordered Bee Hawk-moth and Cistus Forester, amongst others. Blackcaps, and families of Blue Tits and Black Redstarts were among the birds.

Eventually, we had to drag ourselves away from this delightful place, for the long journey home. We took the Circonfucense road, which runs lower in the plain, seeing a magnificent female Peregrine Falcon perched on a pylon. A Hoopoe flew up by the road, and was seen well by some, together with a family of Great Spotted Woodpeckers, while Turtle Doves were heard alongside Nightingales. Another stop gave several Bee-eaters perched in dead trees, allowing us to see their wonderful colours in the scope. At this stop, Melodious Warbler was also seen, and Quail heard. A pool held Little Grebe and Coot. We then left the plain to climb back up into the Park by Gioia Vecchio, as the rain returned.

We met to update lists and enjoy another delicious meal and a leisurely evening. Although there had been quite a lot of travelling, it had been another excellent day.

Day 5

Monday 27th May

La Difesa; Vallone Pesco di Lordo

It was another grey morning, although the rain was patchy. Alan ran a moth trap in the garden, finding, among other species, Feathered Ear, Grey Pug and Beautiful Plume, plus a red-and-black Ichneumon Wasp *Netelia testacea*.

After a leisurely breakfast, we drove the short distance to the start of our walk in the forest of La Difesa, where there are many ancient Beech trees. This is now a World Heritage site, in order to protect them. We set off up the track past moss- and lichen-covered boulders and the large, old Beech trees. Cuckoo, Song Thrush and Chiffchaff were singing loudly, among the other birds, and Wood Warbler, Bonelli's Warbler, Firecrest and Marsh Tit were seen well. A few Yellow Anemones (*Anemone ranunculoides*) were still fresh, and we found the pods of Bird-in-a-bush (*Corydalis cava*), plus one of the ancient-woodland indicator species, Herb-Paris (*Paris quadrifolia*), just coming out, Sweet Woodruff (*Galium odoratum*), and the leaves of Round-leaved Saxifrage (*Saxifraga rotundifolia*), abundant on boulders. In more open areas were a few plants of the strange-looking Solenanthus (*Solenanthus apenninus*), an endemic plant in the Borage family. Several Bank Voles were seen and provided much entertainment. Some very rotten trees held interesting fungi and some beautiful clumps of Lungwort lichen, and we saw evidence of wood-boring beetles in the many tunnels and holes but could not find any adults. A clearing with enormous water troughs, reminded us of the importance of sheep in the past, and the 'transhumanza', as they were moved to Puglia for the winter months. Here, there was a long string of fresh Toad spawn in a puddle, which was rescued and put into the water trough, while the stream held large numbers of Caddis Fly larval cases. The rain came quite heavily, so we sheltered for a while under the trees.

The group then split, with some continuing on the path up through La Difesa, enjoying the beauty of the forest, and having good views of Collared Flycatcher, but not finding Woodpeckers. The others turned off the track into the Vallone Pesco di Lordo, an open valley. The endemic Alpine Wood Forget-me-not (*Myosotis graui*) and Alyssoides (*Alyssoides utricularia*) were starting to flower. Up the slope we found several large clumps of the endemic Marsican Iris (*Iris marsica*), a species restricted to this area, although resembling the 'ordinary' Garden Iris (*Iris germanica*). Some were in a loosely fenced enclosure, flowering well. We also saw the beautiful pink endemic form of Ashy Crane's-bill (*Geranium austroapenninum*). A pair of Red-backed Shrikes were perched on top of a tree. While insect life was sparse, we found a small Scarab beetle under some dung. In the garden, the Short-toed Treecreeper had been observed, plus a Red Squirrel, while Wryneck was seen earlier in the day.

We enjoyed our picnic in the dry of the hotel, and used the afternoon to complete our plant lists, check photos and have time at leisure. We had opted for an early dinner, to give more flexibility, but the rain was still persistent, so we had a quiet evening, as well.

Day 6

Tuesday 21st May

Bisegna viewpoint; Barrea; Lago di Barrea; Civitella Alfadena

The early risers were out at 5.15am, driving to Bisegna meadows. Red Deer, Roe Deer, Wild Boar and Red-backed Shrike were among the species seen. Matt's bus left to return and, just outside the village, a Wolf crossed the road and a meadow, giving excellent views to the three passengers. Matt then took a group back into La Difesa, to look, successfully, for Collared Flycatcher. Meanwhile, Alan led a bird walk near the hotel, with lovely views of Firecrest, Serin, Common Redstart and Wheatear, with Wryneck, Hoopoe and Cuckoo heard. After breakfast, we had another encounter with a Firecrest in the hotel garden, so everyone who wanted to could see this feisty bird.

For our main excursion, we left to drive down the valley to Villetta Barrea, at the end of the Lago di Barrea, where we stopped to photograph three impressive Red Deer stags which were grazing in a garden next to the road, their antlers still in velvet. We drove on along the lake to Barrea, where we parked overlooking the lake, and there was a break for refreshments for some. We then took the short path which climbs to Barrea Gorge, enjoying the morning sun. A Golden Eagle was seen in flight and then perched on a boulder, silhouetted against the sky. A number of Red-billed Choughs were flying round and entering the cave opposite, Crag Martin was seen there, while House Martins and Swallows were swooping past us, together with a group of Swifts.

Plants included Tuberous Valerian (*Valeriana tuberosa*), lots of Dark Grape Hyacinth (*Muscari neglectum*), Burnt Orchids (*Neotinea ustulata*), Cotoneaster (*Cotoneaster integerrimus*), and an endemic Houseleek *Sempervivum ricci*. A few spikes of Thick-leaved Saxifrage (*Saxifraga callosa*) were not quite out, but the tiny, silvery plant in the Pink Family, *Paronychia kapela* was showing its silvery bracts, like fingernails (hence its name). Among the insects, Painted Lady, Meadow Brown, Berger's Clouded Yellow, Small Heath, Orange Tip and Southern Grizzled Skipper butterflies were seen, plus a few Fritillaries that didn't stop long enough to allow identification. There were a couple of beautiful micro moths: the Longhorn *Nemophora metallica* and Arched Marble, and the egg cases of a Mantid species were noted. A pair of mating moths was later identified as *Emmiltis pygmaearia*, a small Geometrid species, limited to Italy, France, Switzerland, Croatia and Slovenia. We had plenty of time to relax and explore and, as we slowly made our way back down, we found some beautiful Elder-flowered Orchids (*Dactylorhiza sambucina*), there were a large number of Rhomboid Shield Bugs *Syromastes rhombeus*, and a Nightingale was singing nearby. Thick-leaved Stoncrop (*Sedum dasyphyllum*) just coming into flower on the walls, and the Dandelion-like Cut-leaved Viper's-grass (*Podospermum laciniatum*) was in the verges.

We drove to a café by the lake side, just over the bridge to Civitella Alfadena, and enjoyed our picnic on the shore in the shelter of a cafe. Coot and Great-crested Grebes were on the water, where Carp could be seen, and Red-backed Shrikes, Red Squirrel and White Helleborine (*Cephalanthera damasonium*) were enjoyed. We then drove the short distance up the hill to Civitella Alfadena, where we visited the Wolf Sanctuary area, seeing several Wolves relaxing in the wooded area below us, and a couple having a scrap and chase. There are 10 animals in total there.

When we returned to the hotel, some took the opportunity to go shopping and see Pescasseroli, as heavy showers set in. We met to update our lists and enjoy another excellent dinner and a relaxing evening. A female Toad was found on the doorstep, later.

Day 7

Wednesday 29th May

Val di Rose / Castel Mancino

This morning dawned grey, but with the sun breaking through and burning off the mist, although it remained cool.

With a finer day in prospect, most of the group set out to do our high walk, up the Val di Rose. With picnics made, we set out at 8.30am, driving back down the valley to Villetta Barrea and then up to Civitella Alfedena, where we parked. The path climbs through a patchwork of Beech forest and glades, with Barberry (*Berberis vulgaris*) noted in full flower, and Collared Flycatcher, Bonelli's Warbler and Wood Warbler enjoyed. The group soon spread out, with everyone walking at their own speed, and enjoying the delightful surroundings. Under the trees, a number of Bank Voles were seen, and we found several Wolf scats, full of hair. At the last glade before the tree line, an Abruzzo Chamois could be seen on the slopes above.

Once above the trees, we were able to enjoy the open alpine meadows, with some snow still lying. Where snow had recently melted, we found Spring Crocus (*Crocus verna*), Alpine Squill (*Scilla bifolia*), Early Yellow Star-of-Bethlehem (*Gagea bobemica*), and a delightful patch of Alpine Snowbells (*Soldanella alpina*). Mezereon (*Daphne mezereum*) was flowering well, and other flowers included Heart-leaved Leopard's-bane (*Doronicum columnae*), Spring Gentians (*Gentiana verna*), the endemic form of Alpine Wood Forget-me-not (*Myosotis graui*), and Pansies (*Viola eugeniae*), which up here tended to be predominantly purple. We also found the tiny Apennine Penny-cress (*Thlaspi stylosum*), Yellow Whitlow-grass (*Draba aizoides*), and Cobweb Houseleek (*Sempervivum arachnoideum*). Red-billed Chough, Golden Eagle and Common Rock Thrush were seen, together with both Tree and Water Pipits, Northern Wheatears, the Eastern race of Black-eared Wheatears, Black Redstarts and a pair of Alpine Accentors. The Golden Eagle reappeared, being mobbed by Ravens which looked tiny in comparison. There were more Abruzzo Chamois, with one in a classic pose on a rock. Some of the group climbed to the ridge to enjoy the stunning views in all directions, finding Ciliate Rock-jasmine (*Androsace villosa*) in flower. The group members set out to descend in their own time, some seeing two Honey Buzzards on the way down. The first showers started before we were all down but were only light. We all agreed it had been a fantastic walk.

The other group members had a more relaxed breakfast, with time to explore Pescasseroli or go shopping afterwards. Some then opted to stay in the village and walk back, while the rest drove up to the town cemetery, to start the walk up Castel Mancino. The path climbs gently through the trees, opening out at the castle ruins, where Man Orchids (*Orchis anthropophora*) were enjoyed, among other species. The cool day and previous rain were not conducive to insects or reptiles, but butterflies included Berger's Clouded Yellow, Painted Lady and Wall Brown, a Transparent Burnet moth was noted, and a Common Wall Lizard was seen in the village. We enjoyed the views down over the settlement and beyond. The final, delicious picnic was back at the hotel,

followed by time at leisure to rest, pack or walk locally. A Mother Sipton moth was seen in the meadow above the hotel.

We gathered for our last, excellent meal, finished off by an enormous tiramisu cake in honour of the Naturetrek group. We then retired, in preparation for an early start the following day.

Day 8

Thursday 30th May

Pescasseroli to Rome and onwards.

With an early flight, Alan left before the rest of us, reporting Italian Hare, Red Fox and Mistle Thrush en route. After breakfast, the rest of us loaded the remaining vehicles. We said our farewells and thanks to Marco, Geraldine and the staff at Albergo Paradiso, who had looked after us so well, and left at 6.45am, taking the road through Bisegna. The sun was burning off the cloud, and we saw Brown Hare and also Mistle Thrush. The ringroad was inevitably slow, but we arrived in time, and said our goodbyes to each other, and to Jessica, who was staying on for a third week. We left with many memories of the beautiful and fascinating area that is the Abruzzo National Park, especially for some of Wolves in the mist and, for most of the group, of that Bear ...

Jessica, Alan, Matt, Martin and Luca would like to thank all the group members for being such a lovely group. Despite the less-than-perfect weather, we had a fantastic time and a lot of laughter. We hope to meet you again some time.

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Species Lists

Plants (* = a species is endemic)

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

Scientific name	Common name	Day	Location
PTERIDOPHYTES			
Leptosporangiate Ferns			
Aspleniaceae			
<i>Asplenium ceterach</i>	Rusyback	2	Camosciara
<i>Asplenium ruta-muraria</i>	Wall Rue	3	Val Fondillo
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	3	Val Fondillo
Cystopteraceae			
<i>Cystopteris fragilis</i>	Brittle Bladder-fern	5	La Difesa
Dryopteridaceae			
<i>Polystichum lonchitis</i>	Holly-fern	7	Val di Rose
Polypodiaceae			
<i>Polypodium vulgare</i> agg.	Common Polypody	5	La Difesa
GYMNOSPERMS			
Cupressaceae			
<i>Juniperus communis</i>	Common Juniper	2	Camosciara
<i>Juniperus communis</i> var. <i>saxatilis</i>	Dwarf Juniper	7	Val di Rose
Pinaceae			
<i>Pinus mugo</i>	Dwarf Mountain Pine	7	Val di Rose
<i>Pinus nigra</i> subsp. <i>italica</i> *	Villetta Barrea Black Pine	2	Camosciara
<i>Pinus nigra</i> subsp. <i>nigra</i>	Austrian or Black Pine	2	Camosciara
<i>Pinus pinea</i>	Umbrella Pine	1	Roadsides
ANGIOSPERMS			
Eu-dicots			
Adoxaceae			
<i>Adoxa moschatellina</i>	Moschatel	5	La Difesa
<i>Sambucus ebulus</i>	Dwarf Elder	2	Camosciara
<i>Sambucus nigra</i>	Elder	1	Roadsides
<i>Viburnum lantana</i>	Wayfaring Tree	3	Val Fondillo
Apiaceae			
<i>Aegopodium podagraria</i>	Ground Elder	2	Camosciara
<i>Anthriscus sylvestris</i>	Cow Parsley	3	Val Fondillo
<i>Conium maculatum</i>	Hemlock	4	Roadsides
<i>Eryngium amethystinum</i>	Blue Eryngo	3	Val Fondillo
<i>Orlaya grandiflora</i>	Orlaya	4	Roadsides
FERNS & ALLIES			
True Ferns			
Spleenwort Family			
Bladder-fern Family			
Buckler-fern Family			
Polypody Family			
CONIFERS			
Juniper Family			
Pine Family			
FLOWERING PLANTS			
True Dicotyledons			
Moschatel Family			
Carrot Family			

Scientific name	Common name	Day	Location
<i>Sanicula europaea</i>	Sanicle	2	Camosciara
<i>Scandix pecten-veneris</i>	Shepherd's Needles	5	Vallone Pesco di Lordo
<i>Seseli montanum</i> subsp. <i>tommasinii</i>	Seseli	6	Barrea Gorge
<i>Trinia dalechampii</i>	a Honewort		
Apocynaceae	Periwinkle Family		
<i>Vinca major</i>	Periwinkle	3	Val Fondillo
Araliaceae	Ivy Family		
<i>Hedera helix</i>	Ivy	2	Camosciara
Berberidaceae	Barberry Family		
<i>Berberis vulgaris</i>	Barberry	7	Val di Rose
Betulaceae	Birch Family		
<i>Corylus avellana</i>	Hazel	2	Camosciara
Boraginaceae	Forget-me-not Family		
<i>Cynoglossum magellense</i> *	a Hound's-tongue	3	Val Fondillo (leaves)
<i>Cynoglottis barrellieri</i>	an Anchusa (Blue)	2	Camosciara
<i>Echium plantagineum</i>	Purple Viper's-bugloss	1	Roadsides
<i>Echium vulgare</i> subsp. <i>pustulatum</i>	a Viper's-bugloss	3	Val Fondillo
<i>Myosotis graui</i> *	Alpine Wood Forget-me-not	5	Vallone Pesco di Lordo
<i>Myosotis ramosissima</i>	Early Forget-me-not	3	Val Fondillo
<i>Onosma echioides</i>	A Golden-drops	4	Near Bisegna
<i>Pulmonaria cf apennina</i> *	A Lungwort	2	Camosciara
<i>Solenanthes apenninus</i> *	Solenanthes	5	La Difesa
Brassicaceae	Cabbage Family		
<i>Aethionema saxatile</i>	Aethionema / Burnt Candytuft	4	Near Bisegna
<i>Alliaria petiolata</i>	Garlic Mustard	2	Camosciara
<i>Alyssoides utricularia</i>	Alyssoides	5	Vallone Pesco di Lordo
<i>Alyssum diffusum</i> *	a Yellow Alyssum	6	Barrea Gorge
<i>Alyssum simplex (minus)</i>	an Alyssum	3	Val Fondillo
<i>Arabis caucasica</i>	Alpine Rock-cress	3	Opi / La Difesa
<i>Arabis hirsuta</i>	Hairy Rock-cress	2	Camosciara
<i>Arabis stellulata</i>	-	7	Val di Rose
<i>Aubrieta columnae</i> subsp. <i>columnae</i> *	Aubrieta	2	Camosciara
<i>Barbarea</i> sp.	A Wintercress	2	Camosciara
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	2	Camosciara
<i>Cardamine bulbifera</i>	Coralroot	2	Camosciara
<i>Cardamine enneaphyllos</i>	Drooping Bitter-cress	2	Camosciara
<i>Cardamine flexuosa</i>	Wavy Bitter-cress	5	La Difesa
<i>Cardamine impatiens</i>	Narrow-leaved Bitter-cress	5	La Difesa
<i>Draba aizoides</i>	Yellow Whitlow-grass	7	Val di Rose
<i>Erysimum pseudorhaeticum</i> *	a Treacle Mustard	2	Camosciara
<i>Hesperis laciniata</i>	Cut-leaved Dame's Violet	3	Val Fondillo
<i>Isatis tinctoria</i>	Woad	2	By Camosciara
<i>Nasturtium officinale</i>	Watercress	3	Val Fondillo
<i>Thlaspi praecox</i>	Spring Penny-cress	3	Val Fondillo

Scientific name	Common name	Day	Location
<i>Thlaspi stylosum</i> *	Apennine Penny-cress	7	Val di Rose
Caprifoliaceae	Honeysuckle Family		
<i>Centranthus ruber</i>	Red Valerian	3	Opi
<i>Dipsacus fullonum</i>	Wild Teasel	3	Val Fondillo
<i>Lonicera etrusca</i>	Etruscan Honeysuckle	2	Camosciara
<i>Lonicera xylosteum</i>	Fly Honeysuckle	2	Camosciara
<i>Valeriana officinalis</i>	Common Valerian	3	Val Fondillo
<i>Valeriana tuberosa</i>	Tuberous Valerian	3	By hotel
<i>Valerianella locusta</i>	Common Cornsalad	4	Alba Fucens
Caryophyllaceae	Pink Family		
<i>Cerastium tomentosum</i>	Snow-in-Summer	2	Camosciara (widespread)
<i>Herniaria glabra</i>	Smooth Rupturewort	4	Alba Fucens
<i>Minuartia verna</i>	Spring Sandwort	6	Barrea Gorge
<i>Paronychia kapela</i>	a Paronychia	6	Barrea Gorge
<i>Silene conica</i>	Sand Catchfly	6	Hotel
<i>Silene dioica</i>	Red Champion	2	Camosciara
<i>Silene italica</i>	Italian Catchfly	4	Alba Fucens
<i>Silene latifolia</i>	White Champion	2	Camosciara
<i>Silene vulgaris</i>	Bladder Champion	4	Alba Fucens
<i>Stellaria nemorum</i>	Wood Stitchwort	2	Camosciara
Celastraceae	Spindle Family		
<i>Euonymus europaeus</i>	Spindle Tree	4	Alba Fucens
Cistaceae	Rock-rose Family		
<i>Helianthemum apenninum</i>	White Rockrose	4	Near Bisegna
<i>Helianthemum nummularium</i>	Rockrose	6	Nr Barrea Gorge & Castel Mancino
<i>Helianthemum oelandicum</i> subsp. <i>alpestre</i>	Alpine Rockrose	7	Val di Rose (leaves)
<i>Helianthemum oelandicum</i> subsp. <i>incanum</i>	Hoary Rockrose	3	Val Fondillo
Compositae (Asteraceae)	Daisy Family		
<i>Bellis perennis</i>	Daisy	2	Camosciara
<i>Bellis sylvestris</i>	Southern Daisy	2	Camosciara
<i>Carduus nutans</i> subsp. <i>perspinosus</i> *	a Musk Thistle	4	Alba Fucens
<i>Carlina acaulis</i> subsp. <i>simplex</i>	"Stemmed" Stemless Carlina Thistle	3	Val Fondillo (remains)
<i>Carlina vulgaris</i>	Carlina Thistle	2	Camosciara (remains)
<i>Centaurea ceratophylla</i> *	-	4	Near Bisegna
<i>Cirsium tenoreanum</i>	a Woolly Thistle	2	Camosciara (leaves)
<i>Cota tinctoria</i> subsp. <i>australis</i>	Yellow Chamomile	4	Alba Fucens
<i>Cyanus (Centaurea) triumfettii</i>	A Perennial Cornflower	4	Near Bisegna
<i>Doronicum columnae</i>	Heart-leaved Leopard's-bane	4	Roadsides nr Bisegna
<i>Jurinea mollis</i>	a 'soft thistle'	4	Near Bisegna
<i>Leucanthemum vulgare</i>	Ox-eye Daisy	3	Val Fondillo
<i>Onoropordon acanthium</i>	Cotton Thistle	4	Pescina
<i>Petasites hybridus</i>	Butterbur	2	Camosciara
<i>Podospermum canum</i>	a Cut-leaved Viper's-grass	6	Barrea Gorge
<i>Taraxacum</i> spp.	Dandelion		Various

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<i>Tragopogon porrifolius</i>	Salsify	4	Alba Fucens
<i>Tragopogon pratensis</i>	A Goat's-beard	2	Camosciara
Convolvulaceae	Bindweed Family		
<i>Convolvulus cantabrica</i>	Pink Bindweed	4	Alba Fucens
<i>Cuscuta epithymum</i>	Common Dodder	4	Alba Fucens
Cornaceae	Dogwood Family		
<i>Cornus mas</i>	Cornelian Cherry	2	Camosciara
<i>Cornus sanguinea</i>	Dogwood	2	Camosciara
Crassulaceae	Stonecrop Family		
<i>Sedum acre</i>	Biting Stonecrop	5	Vallone Pesco di Lordo
<i>Sedum album</i>	White Stonecrop	6	Barrea Gorge
<i>Sedum dasyphyllum</i>	Fat-leaved Stonecrop	6	Barrea Gorge
<i>Sedum hispanicum</i>	A Stonecrop	5	Vallone Pesco di Lordo
<i>Sedum rupestre</i>	Rock Stonecrop	6	Barrea Gorge
<i>Sedum sexangulare</i>	Tasteless Stonecrop	6	Barrea Gorge
<i>Sempervivum arachnoideum</i>	Cobweb Houseleek	7	Val di Rose
<i>Sempervivum riccii*</i>	A Houseleek	6	Barrea Gorge
Euphorbiaceae	Spurge Family		
<i>Euphorbia amygdaloides</i>	Wood Spurge	2	Camosciara
<i>Euphorbia cyparissias</i>	Cypress Spurge	3	Val Fondillo
<i>Euphorbia dulcis</i>	Sweet Spurge	2	Camosciara
<i>Euphorbia helioscopia</i>	Sun Spurge	3	Val Fondillo
<i>Euphorbia myrsinites</i>	Glaucous Spurge	2	Camosciara
<i>Mercurialis perennis</i>	Dog's Mercury	2	Camosciara
Fagaceae	Beech Family		
<i>Fagus sylvatica</i>	Beech		Common
<i>Quercus cerris</i>	Turkey Oak	2	Camosciara
<i>Quercus pubescens</i>	Downy Oak	4	Roadsides
Gentianaceae	Gentian Family		
<i>Gentiana cruciata</i>	Cross Gentian	2	Camosciara
<i>Gentiana dinarica*</i>	a Trumpet Gentian	2	Camosciara (leaves)
<i>Gentiana lutea</i>	Great Yellow Gentian	5	Vallone Pesco di Lordo (leaves)
<i>Gentiana verna</i>	Spring Gentian	7	Val di Rose
Geraniaceae	Crane's-bill Family		
<i>Erodium acaule</i>	Stemless Stork's-bill	2	Camosciara
<i>Erodium ciconium</i>	Long-beaked Stork's-bill	4	Alba Fucens
<i>Erodium cicutarium</i>	Common Stork's-bill	3	Val Fondillo
<i>Geranium austroapenninum* (subcaulescens)</i>	Ashy Crane's-bill	5	Vallone Pesco di Lordo
<i>Geranium lucidum</i>	Shining Crane's-bill	2	Camosciara
<i>Geranium molle</i>	Dove's-foot Crane's-bill	2	Camosciara
<i>Geranium pyrenaicum</i>	Hedgerow Crane's-bill	3	Val Fondillo
<i>Geranium reflexum</i>	Reflexed Crane's-bill	7	Val di Rose
<i>Geranium robertianum</i>	Herb Robert	3	Val Fondillo

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<i>Geranium versicolor</i>	Pencilled Crane's-bill	3	Val Fondillo
Grossulariaceae	Gooseberry Family		
<i>Ribes uva-crispa</i>	Gooseberry	5	La Difesa
Juglandaceae	Walnut Family		
<i>Juglans regia</i>	Walnut	7	Civitella Alfadena
Lamiaceae	Deadnettle Family		
<i>Ajuga chamaepitys</i>	Ground Pine	3	Val Fondillo
<i>Ajuga reptans</i>	Bugle	2	Camosciara
<i>Clinopodium acinos</i>	Basil Thyme	4	Near Bisegna
<i>Lamium album</i>	White Dead-nettle	4	Alba Fucens
<i>Lamium garganicum</i>	Large Red Dead-nettle	2	Camosciara
<i>Lamium maculatum</i>	Spotted Dead-nettle	2	Camosciara
<i>Lamium purpureum</i>	Red Dead-nettle	6	Barrea Gorge
<i>Mentha aquatica</i>	Water Mint	2	Camosciara
<i>Mentha longifolia</i>	Horse Mint	3	Val Fondillo
<i>Salvia verbenaca</i>	Wild Clary	2	Camosciara
<i>Satureja montana</i>	Winter Savory	4	Near Bisegna
<i>Sideritis italica</i>	A Sideritis	4	Near Bisegna
<i>Stachys germanica</i>	Downy Woundwort	3	Val Fondillo
<i>Thymus oenipontanus</i>	Wild Thyme	3	Val Fondillo
Leguminosae (Fabaceae)	Pea Family		
<i>Anthyllis vulneraria</i> agg.	Kidney Vetch	3	Val Fondillo
<i>Astragalus depressus</i>	Sprawling Milk-vetch	4	Near Bisegna
<i>Astragalus monspessulanus</i>	False Vetch	2	Camosciara
<i>Cytisus (Chamaecytisus) hirsutus</i>	Hairy Broom	4	Near Bisegna
<i>Cytisus (Chamaecytisus) spinescens</i>	Spiny Hairy Broom	3	Val Fondillo
<i>Genista tinctoria</i>	Dyer's Greenweed	4	Roadsides
<i>Hedysarum coronarium</i>	Italian Sainfoin	1	Roadsides
<i>Hippocrepis comosa</i>	Horseshoe Vetch	2	Camosciara
<i>Laburnum anagroides</i>	Laburnum	1	Roadsides
<i>Lathyrus setifolius</i>	Red Grass Vetchling	2	Camosciara
<i>Lathyrus sphaericus</i>	A Red Grass Vetchling	4	Alba Fucens
<i>Lathyrus venetus</i>	A Spring Pea	5	La Difesa
<i>Lathyrus vernus</i>	Spring Pea	2	Camosciara
<i>Lotus corniculatus</i>	Bird's-foot Trefoil	3	Val Fondillo
<i>Medicago lupulina</i>	Black Medick	2	Camosciara
<i>Onobrychis viciifolia</i>	Sainfoin	4	Alba Fucens
<i>Robinia pseudacacia</i>	False Acacia	1	Roadsides
<i>Spartium junceum</i>	Spanish Broom	1	Roadsides
<i>Trifolium incarnatum</i> subsp. <i>molinerii</i>	a Crimson Clover	3	Val Fondillo
<i>Trifolium nigrescens</i>	A small white clover	3	Val Fondillo
<i>Trifolium pratense</i>	Red Clover	4	Alba Fucens
<i>Trifolium repens</i>	White Clover	4	Alba Fucens
<i>Trifolium resupinatum</i>	Reversed Clover	6	Lago di Barrea
<i>Trifolium stellatum</i>	Starry Clover	4	Alba Fucens
<i>Vicia pannonica</i>	A pink Vetch	4	Alba Fucens

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<i>Vicia peregrina</i>	A two-tone mauve vetch	4	Alba Fucens
<i>Vicia sativa</i> agg.	Common Vetch	3	Val Fondillo
<i>Vicia sylvatica</i>	Wood Vetch	7	Val di Rose
<i>Vicia villosa</i>	Fodder Vetch	6	Barrea Gorge
Linaceae	Flax Family		
<i>Linum alpinum</i>	a Perennial Flax	4	Near Bisegna
<i>Linum bienne</i>	Pale Flax	4	Alba Fucens
Malvaceae	Mallow Family		
<i>Malva sylvestris</i>	Common Mallow	4	Circonfucense
Oleaceae	Olive Family		
<i>Fraxinus excelsior</i>	Ash	7	Val di Rose
Orobanchaceae	Broomrape Family		
<i>Euphrasia</i> agg.	Eyebright	3	Val Fondillo
<i>Orobanche caryophyllacea</i>	Bedstraw Broomrape	4	Alba Fucens
<i>Parentucellia latifolia</i>	Southern Red Bartsia	3	Val Fondillo
<i>Rhinanthus minor</i> agg.	Yellow Rattle	4	Alba Fucens
Papaveraceae	Poppy Family		
<i>Chelidonium majus</i>	Greater Celandine	3	Val Fondillo
<i>Corydalis cava</i>	a Bird-in-a-bush	5	La Difesa (seed pods)
<i>Papaver rhoeas</i>	Common Poppy	1	Roadsides
Plantaginaceae	Plantain Family		
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	5	La Difesa
<i>Digitalis ferruginea</i>	Brown Foxglove	2	Camosciara (leaves)
<i>Digitalis lutea</i>	Small Yellow Foxglove	5	La Difesa (leaves)
<i>Globularia vulgaris</i>	Common Globularia	2	Camosciara
<i>Linaria purpurea</i>	Purple Toadflax	4	Roadsides
<i>Plantago atrata</i>	Dark Plantain	7	Val di Rose
<i>Plantago media</i>	Hoary Plantain	3	Val Fondillo
<i>Veronica aquatica</i>	Water Speedwell	4	Pescina
<i>Veronica beccabunga</i>	Brooklime	4	Pescina
<i>Veronica chamaedrys</i>	Germander Speedwell	2	Camosciara
<i>Veronica orsiniana</i>	a Speedwell	3	Val Fondillo
<i>Veronica persica</i>	Common Field Speedwell	4	Alba Fucens
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	3	Val Fondillo
<i>Veronica verna</i>	Spring Speedwell	6	Barrea Gorge
Plumbaginaceae	Thrift Family		
<i>Armeria canescens</i>	Plantain-leaved Thrift	3	Val Fondillo
Polygalaceae	Milkwort Family		
<i>Polygala alpestris</i>	Mountain Milkwort	7	Val di Rose
<i>Polygala chamaebuxus</i>	Shrubby Milkwort	2	Camosciara
<i>Polygala flavescens</i> *	A Yellow Milkwort	3	Val Fondillo
<i>Polygala major</i>	A Milkwort	4	Near Bisegna

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<i>Polygala nicaeensis</i>	Nice Milkwort	2	Camosciara
Polygonaceae	Knotweed Family		
<i>Rumex acetosella</i>	Sheep's Sorrel	3	Val Fondillo
Primulaceae	Primrose Family		
<i>Anagallis arvensis</i>	Scarlet Pimpernel	3	Opi
<i>Androsace villosa</i>	Ciliate Rock-jasmine	7	Val di Rose
<i>Primula auricula</i>	Bear's-ear	2	Camosciara
<i>Primula vulgaris</i>	Primrose	2	Camosciara
<i>Soldanella alpina</i>	Alpine Snowbell	7	Val di Rose
Ranunculaceae	Buttercup Family		
<i>Actea spicata</i>	Baneberry	5	La Difesa
<i>Anemone (Pulsatilla) alpina</i>	Alpine Pasqueflower	7	Val di Rose
<i>Anemone apennina</i>	Blue Anemone	2	Camosciara
<i>Anemone ranunculoides</i>	Yellow Anemone	5	La Difesa
<i>Aquilegia vulgaris</i>	Columbine	2	Camosciara
<i>Ficaria verna</i> agg.	Lesser Celandine	2	Camosciara
<i>Helleborus foetidus</i>	Stinking Hellebore	2	Camosciara
<i>Hepatica nobilis</i>	Hepatica	2	Camosciara
<i>Ranunculus acris</i>	Meadow Buttercup	2	Camosciara
<i>Ranunculus apenninus</i>	Apennine Buttercup	7	Val di Rose
<i>Ranunculus bulbosus</i>	Bulbous Buttercup	2	Camosciara
<i>Ranunculus lanuginosus</i>	A Buttercup	2	Camosciara
<i>Ranunculus millefoliatus</i>	Million-leaved Buttercup	3	Val Fondillo
<i>Ranunculus monspeliacus</i>	-	3	Val Fondillo
<i>Ranunculus muricatus</i>	-		
<i>Ranunculus pencillatus</i>	Stream Water Crowfoot	4	Pescina
<i>Ranunculus repens</i>	Creeping Buttercup	5	La Difesa
Resedaceae	Mignonette Family		
<i>Reseda alba</i>	White Mignonette	4	Pescina
<i>Reseda lutea</i>	Wild Mignonette	4	Roadsides
Rhamnaceae	Buckthorn Family		
<i>Rhamnus alpinus</i>	Alpine Buckthorn	5	Vallone Pesco di Lordo
<i>Rhamnus saxatilis</i>	Rock Buckthorn	6	Barrea Gorge
Rosaceae	Rose Family		
<i>Amelanchier ovalis</i>	Amelanchier	4	Near Bisegna
<i>Aremonia agrimonoides</i>	Bastard Agrimony	3	Val Fondillo
<i>Cotoneaster integerrimus</i>	Wild Cotoneaster	6	Barrea Gorge
<i>Crataegus laevigata</i>	Midland Hawthorn	7	Val di Rose
<i>Crataegus monogyna</i>	Hawthorn	3	Val Fondillo
<i>Dryas octopetala</i>	Mountain Avens	7	Val di Rose (leaves)
<i>Fragaria vesca</i>	Wild Strawberry	2	Camosciara
<i>Geum urbanum</i>	Wood Avens	3	Val Fondillo
<i>Malus sylvestris</i>	Crab Apple	2	Camosciara
<i>Potentilla crantzii</i>	Alpine Cinquefoil	7	Val di Rose

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<i>Potentilla detommasii</i>	A Sulphur Cinquefoil	3	Val Fondillo
<i>Potentilla reptans</i>	Creeping Cinquefoil	4	Alba Fucens
<i>Potentilla rigoana*</i>	a Cinquefoil	7	Val di Rose
<i>Prunus mahaleb</i>	St. Lucie's Cherry	3	Val Fondillo
<i>Prunus spinosa</i>	Blackthorn	2	Camosciara
<i>Pyrus pyraster</i>	Wild Pear	2	Camosciara
<i>Rosa canina</i> agg.	Dog Rose	2	Camosciara
<i>Rubus fruticosus</i> agg.	Bramble	2	Camosciara
<i>Sanguisorba minor</i>	Salad Burnet	3	Val Fondillo
<i>Sorbus aria</i>	Whitebeam	4	Near Bisegna
<i>Sorbus aucuparia</i>	Rowan		
Rubiaceae	Bedstraw Family		
<i>Cruciata laevipes</i>	Crosswort	2	Camosciara
<i>Galium aparine</i>	Cleavers	3	Val Fondillo
<i>Galium mollugo</i>	Hedge Bedstraw	3	Val Fondillo
<i>Galium odoratum</i>	Woodruff	5	La Difesa
<i>Sherardia arvensis</i>	Field Madder	2	Camosciara
Salicaceae	Willow Family		
<i>Populus nigra</i> agg.	Black Poplar	4	Roadsides
<i>Salix alba</i>	White Willow	3	Val Fondillo
<i>Salix caprea</i>	Goat Willow	2	Camosciara
Santalaceae	Sandalwood Family		
<i>Viscum album</i>	Mistletoe	1	Roadsides
Sapindaceae	Maple Family		
<i>Acer campestre</i>	Field Maple	2	Camosciara
<i>Acer monspessulanum</i>	Montpelier Maple	4	Alba Fucens
<i>Acer opalus</i>	Italian Maple	5	La Difesa
<i>Acer pseudoplatanus</i>	Sycamore	2	Gioia Vecchio
Saxifragaceae	Saxifrage Family		
<i>Saxifraga adscendens</i> subsp. <i>adscendens</i>	Biennial Saxifrage	7	Val di Rose
<i>Saxifraga bulbifera</i>	Bulbous Saxifrage	5	La Difesa
<i>Saxifraga callosa</i>	Thick-leaved Saxifrage	6	Barrea Gorge
<i>Saxifraga granulata</i>	Meadow Saxifrage	3	Val Fondillo
<i>Saxifraga paniculata</i>	Live-long Saxifrage	6	Barrea Gorge
<i>Saxifraga porophylla*</i>	Reddish Saxifrage	3	Val Fondillo
<i>Saxifraga rotundifolia</i>	Round-leaved Saxifrage	5	La Difesa
<i>Saxifraga tridactylites</i>	Rue-leaved Saxifrage	3	Val Fondillo
Scrophulariaceae	Figwort Family		
<i>Scrophularia canina</i> subsp. <i>canina</i>	Dog (French) Figwort	4	Near Bisegna
<i>Scrophularia vernalis</i>	Yellow Figwort	5	La Difesa
<i>Verbascum mallophorum</i>	a large branched Mullein	5	Vallone Pesco di Lordo
<i>Verbascum pulverulentum</i>	Hoary Mullein	7	Val di Rose (leaves)
<i>Verbascum thapsus</i>	Aaron's Rod	4	Roadsides

Scientific name	Common name	Day	Location
Thymelaeaceae			
<i>Daphne laureola</i>	Spurge Laurel	2	Camosciara
<i>Daphne mezereum</i>	Mezereon	7	Val di Rose
<i>Daphne oleoides</i>	-	6	Barrea Gorge (not in flower)
Urticaceae			
<i>Urtica dioica</i>	Nettle	2	Camosciara
Violaceae			
<i>Viola alba</i> subsp. <i>dehnhardtii</i>	A Violet (mauve)	2	Camosciara
<i>Viola eugeniae</i> *	a Pansy		Locally common
<i>Viola odorata</i>	Sweet Violet	7	Val di Rose
<i>Viola reichenbachiana</i>	Early Dog Violet	5	La Difesa
<i>Viola riviniana</i>	Common Dog Violet	2	Camosciara
Monocots		Monocotyledons	
Amaryllidaceae			
<i>Galanthus nivalis</i>	Snowdrop	5	La Difesa (leaves)
Araceae			
<i>Arum maculatum</i>	Cuckoo Pint	2	Camosciara
Asparagaceae			
<i>Leopoldia (Muscari) comosa</i>	Tassel Hyacinth	6	Barrea Gorge
<i>Muscari neglectum</i>	Dark Grape Hyacinth	2	Camosciara
<i>Ornithogalum collinum</i>	A Star-of-Bethlehem	2	Camosciara
<i>Ornithogalum divergens</i>	A Star-of-Bethlehem (more robust)	2	Gioia Vecchio
<i>Polygonatum multiflorum</i>	Solomon's-seal	2	Camosciara
<i>Scilla bifolia</i>	Alpine Squill	7	Val di Rose
Colchicaceae			
<i>Colchicum lusitanum</i>	an Autumn Crocus	2	Camosciara (leaves)
Cyperaceae			
<i>Carex caryophyllea</i>	Spring Sedge	2	Camosciara
Iridaceae			
<i>Crocus vernus</i>	Spring Crocus	7	Val di Rose
<i>Iris germanica</i>	German Iris	4	Roadsides
<i>Iris marsica</i> *	Marsican Iris	5	Vallone Pesco di Lordo
Liliaceae			
<i>Gagea bohemica</i>	a Yellow Star-of-Bethlehem	7	Val di Rose
Melanthiaceae			
<i>Paris quadrifolia</i>	Herb-Paris	2	Camosciara
<i>Veratrum lobelianum</i>	Green False-helleborine	2	Camosciara (leaves)
Orchidaceae			
<i>Anacamptis morio</i> subsp. <i>morio</i>	Green-winged Orchid	2	Camosciara

Scientific name	Common name	Day	Location
<i>Cephalanthera damasonium</i>	White Helleborine	2	Camosciara
<i>Cephalanthera longifolia</i>	Sword-leaved Helleborine	2	Camosciara
<i>Corallorhiza trifida</i>	Coralroot Orchid	2	Camosciara
<i>Cypripedium calceolus</i>	Lady's Slipper Orchid	2	Camosciara
<i>Dactylorhiza fuchsii</i>	Common Spotted Orchid	2	Camosciara (leaves)
<i>Dactylorhiza sambucina</i>	Elder-flowered Orchid	3	Bisegna viewpoint
<i>Himantoglossum adriaticum</i>	Adriatic Lizard Orchid	4	Alba Fucens
<i>Neotinea (Orchis) tridentata</i>	Toothed Orchid	3	Val Fondillo
<i>Neotinea (Orchis) ustulata</i>	Burnt Orchid	3	Val Fondillo
<i>Neottia ovata</i>	Twayblade	2	Camosciara
<i>Neottia nidus-avis</i>	Bird's Nest Orchid	2	Camosciara
<i>Ophrys bertolonii</i>	Bertoloni's Bee Orchid	4	Alba Fucens
<i>Ophrys fuciflora</i> subsp. <i>fuciflora</i>	Late Spider Orchid	3	Val Fondillo
<i>Ophrys fuciflora</i> subsp. <i>fuciflora</i> (<i>O. dinarica</i>)	A Late Spider Orchid	3	Val Fondillo
<i>Ophrys sphegodes</i> subsp. <i>atrata</i> (<i>incubacea</i>)	Dark Ophrys	4	Alba Fucens
<i>Ophrys sphegodes</i> subsp. <i>sphogodes</i>	Early Spider Orchid	4	Alba Fucens
<i>Ophrys x flavicans</i>	A hybrid Early Spider Orchid	4	Near Bisegna
<i>Orchis anthropophora</i>	Man Orchid	4	Alba Fucens
<i>Orchis italica</i>	Naked Man Orchid	1	Roadsides
<i>Orchis mascula</i> subsp. <i>speciosa</i> (<i>O. ovalis</i>)	an Early Purple Orchid	2	Camosciara
<i>Orchis militaris</i>	Military Orchid	3	Val Fondillo
<i>Orchis x colemannii</i> (<i>O. mascula x pauciflora</i>)	Hybrid Orchid	3	Bisegna viewpoint
<i>Orchis pauciflora</i>	Sparse Flowered Orchid	3	Bisegna viewpoint
<i>Orchis purpurea</i>	Lady Orchid	2	Camosciara
Poaceae	Grass Family		
<i>Dactylis glomerata</i>	Cocksfoot Grass	3	Val Fondillo
<i>Festuca glauca</i>	Blue Fescue	5	Vallone Pesco di Lordo
<i>Festuca vivipara</i>	Viviparous Fescue	2	Camosciara
<i>Hordeum murinum</i>	Wall Barley	3	Opi
<i>Poa bulbosa</i> subsp. <i>vivipara</i>	Viviparous Meadow-grass	2	Camosciara
Xanthorrhoeaceae	Asphodel Family		
<i>Asphodeline lutea</i>	Yellow Asphodel	7	Roadsides
FUNGI			
Lecanoromycetes	Lichens		
<i>Lobaria pulmonaria</i>	Lungwort	2	Camosciara
Basidiomycetes			
<i>Coprinus</i> sp.	Inkcap sp.	2	Camosciara
<i>Fomes fomentarius</i>	Hoof Fungus	5	La Difesa
<i>Ganoderma applanatum</i>	Artist's Bracket	5	La Difesa
<i>Morchella esculenta</i>	Morel	2	Camosciara

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

	Common name	Scientific name	May							
			23	24	25	26	27	28	29	30
1	Common Quail	<i>Cortunix cortunix</i>				H				
2	Mallard	<i>Anas platyrhynchos</i>			✓			✓		
3	Common Swift	<i>Apus apus</i>	✓	✓	✓	✓		✓		✓
4	Common Cuckoo	<i>Cuculus canorus</i>	H	H	5	H	2	4	H	
5	Rock Dove/Feral Pigeon	<i>Columba livia</i>	✓	✓	✓	✓	✓	✓		✓
6	Common Wood Pigeon	<i>Columba palumbus</i>	✓	✓	✓	✓	✓	✓		
7	European Turtle Dove	<i>Streptopelia turtur</i>				H				
8	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	✓	H		✓				
9	Eurasian Coot	<i>Fulica atra</i>				✓		✓		
10	Little Grebe	<i>Tachybaptus ruficollis</i>				✓				
11	Great Crested Grebe	<i>Podiceps cristatus</i>						✓		
12	Yellow-legged Gull	<i>Larus michahellis</i>	✓					✓		✓
13	Grey Heron	<i>Ardea cinerea</i>	2		1	1		1		2
14	Little Egret	<i>Egretta garzetta</i>	3							1
15	European Honey Buzzard	<i>Pernis apivorus</i>	1	1	1		1		2	
16	Golden Eagle	<i>Aquila chrysaetos</i>		1				1	1	
17	Eurasian Sparrowhawk	<i>Accipiter nisus</i>		1	1					
18	Northern Goshawk	<i>Accipiter gentilis</i>	1	1						
19	Western Marsh Harrier	<i>Circus aeruginosus</i>				1				
20	Common Buzzard	<i>Buteo buteo</i>	1		2	1		2	2	
21	Eurasian Scops Owl	<i>Otus scops</i>			H					
22	Tawny Owl	<i>Strix aluco</i>			H			1		
23	Little Owl	<i>Athene noctua</i>	H			H				
24	Eurasian Hoopoe	<i>Upupa epops</i>		H	H	1		3		
25	European Bee-eater	<i>Merops apiaster</i>		H		6				
26	Eurasian Wryneck	<i>Jynx torquilla</i>		H	3	H	2	H	H	
27	Great Spotted Woodpecker	<i>Dendrocopos major</i>				1		H		1
28	European Green Woodpecker	<i>Picus viridis</i>		H	H		H	H	H	
29	Common Kestrel	<i>Falco tinnunculus</i>	✓	✓	✓	✓		✓		✓
30	Peregrine Falcon	<i>Falco peregrinus</i>				1		LO1		
31	Monk Parakeet	<i>Myiopsitta monachus</i>	2							
32	Rose-ringed Parakeet	<i>Psittacula krameri</i>	✓							
33	Red-backed Shrike	<i>Lanius collurio</i>		✓	✓		✓	✓	H	
34	Eurasian Jay	<i>Garrulus glandarius</i>	✓	H		✓	✓			
35	Common Magpie	<i>Pica pica</i>	✓	✓	✓	✓	✓	✓		✓
36	Red-billed Chough	<i>Pyrrhocorax pyrrhocorax</i>			1			✓	✓	
37	Western Jackdaw	<i>Coloeus monedula</i>	✓					✓		✓
38	Hooded Crow	<i>Corvus cornix</i>	✓	✓	✓	✓	✓	✓	✓	✓
39	Northern Raven	<i>Corvus corax</i>			2		1	3	2	
40	Coal Tit	<i>Parus ater</i>		✓	✓	✓	✓	✓	H	
41	Marsh Tit	<i>Poecile palustris</i>		✓	H		✓	✓	✓	
42	Eurasian Blue Tit	<i>Cyanistes caeruleus</i>		✓	✓	✓	✓	✓	✓	
43	Great Tit	<i>Parus major</i>	✓	✓	✓	H	✓	✓	H	
44	Woodlark	<i>Lullula arborea</i>			1	2				
45	Eurasian Skylark	<i>Alauda arvensis</i>			H			H		
46	Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓	✓	✓	✓	✓
47	Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>		4	2			4		

	Common name	Scientific name	May							
			23	24	25	26	27	28	29	30
48	Common House Martin	<i>Delichon urbicum</i>	✓	✓	✓	✓	✓	✓	✓	
49	Long-tailed Tit	<i>Aegithalos caudatus</i>			✓				H	
50	Wood Warbler	<i>Phylloscopus sibilatrix</i>		H	✓		✓		✓	
51	Western Bonelli's Warbler	<i>Phylloscopus bonelli</i>		✓	H	H	✓	✓	✓	
52	Common Chiffchaff	<i>Phylloscopus collybita</i>	H	✓	✓	✓	H	✓	✓	
53	Melodious Warbler	<i>Hippolais polyglotta</i>				1				
54	Zitting Cisticola	<i>Cisticola juncidis</i>	LOH							
55	Eurasian Blackcap	<i>Sylvia atricapilla</i>	H	✓	✓	✓	✓	✓	✓	
56	Common Whitethroat	<i>Sylvia communis</i>			H	✓		H	1	
57	Subalpine Warbler	<i>Sylvia cantillans</i>				H				
58	Common Firecrest	<i>Regulus ignicapillus</i>	✓	H	✓	✓	✓	✓	✓	
59	Eurasian Wren	<i>Troglodytes troglodytes</i>		✓	H	✓	H	✓	H	
60	Eurasian Nuthatch	<i>Sitta europaea</i>		✓	✓	✓	✓	✓	✓	
61	Eurasian Treecreeper	<i>Certhia familiaris</i>		✓			H		H	
62	Short-toed Treecreeper	<i>Certhia brachydactyla</i>	✓	✓	✓	✓	✓	✓	✓	
63	Common Starling	<i>Sturnus vulgaris</i>	✓	✓	✓	✓	✓	✓	✓	✓
64	Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓	✓	✓	✓	
65	Song Thrush	<i>Turdus philomelos</i>		✓			✓	✓	✓	
66	Mistle Thrush	<i>Turdus viscivorus</i>		✓	✓		✓	✓		✓
67	Spotted Flycatcher	<i>Muscicarpa striata</i>				1				
68	European Robin	<i>Erithacus rubecula</i>	✓	✓	✓	✓	✓	✓	✓	✓
69	Common Nightingale	<i>Luscinia megarhynchos</i>	H		H	H			3	1
70	Collared Flycatcher	<i>Ficedula albicollis</i>					2	1	2+H	
71	Black Redstart	<i>Phoenicurus ochruros</i>		✓	✓	✓	✓	✓	✓	
72	Common Redstart	<i>Phoenicurus phoenicurus</i>		✓	✓	✓	✓	✓	✓	
73	Common Rock Thrush	<i>Monticola saxatilis</i>							2	
74	European Stonechat	<i>Saxicola torquata</i>			✓	✓		✓		
75	Northern Wheatear	<i>Oenanthe oenanthe</i>	✓		✓	✓		✓	✓	
76	Black-eared Wheatear	<i>Oenanthe hispanica melanoleuca</i>							10	
77	White-throated Dipper	<i>Cinclus cinclus</i>		1						
78	Italian Sparrow	<i>Passer italiae</i>	✓	✓	✓	✓	✓	✓	✓	✓
79	Eurasian Tree Sparrow	<i>Passer montanus</i>	✓	✓	✓	✓	✓	✓	✓	✓
80	Alpine Accentor	<i>Prunella collaris</i>							2	
81	Western Yellow Wagtail	<i>Motacilla flava cinereocapilla</i>				3				
82	Grey Wagtail	<i>Montacilla cinerea</i>		✓	✓	✓				
83	White Wagtail	<i>Montacilla alba</i>	✓	✓	✓	✓		✓		
84	Tree Pipit	<i>Anthus trivialis</i>						LOH	H	
85	Water Pipit	<i>Anthus spinoletta</i>							✓	
86	Common Chaffinch	<i>Fringilla coelebs</i>	✓	✓	✓	✓	✓	✓	✓	
87	Eurasian Bullfinch	<i>Pyrrhula pyrrhula</i>	✓	✓	✓		✓	✓	✓	
88	European Greenfinch	<i>Chloris chloris</i>		✓	H	✓	✓	✓		H
89	Common Linnet	<i>Linaria cannabina</i>				✓	✓	✓	✓	✓
90	European Goldfinch	<i>Carduelis carduelis</i>	✓	✓	✓	✓	✓	✓	✓	
91	European Serin	<i>Serinus serinus</i>	✓	✓	✓	✓	✓	✓	✓	✓
92	Corn Bunting	<i>Miliaria calandra</i>	H	✓		✓		✓		
93	Yellowhammer	<i>Emberiza citrinella</i>			✓			✓		
94	Rock Bunting	<i>Emberiza cia</i>				1			✓	
95	Cirl Bunting	<i>Emberiza cirlus</i>	H	✓	✓	H		H	✓	

	Common name	Scientific name	May							
			23	24	25	26	27	28	29	30
Mammals (D = Dead; S = Signs Of - Includes Droppings)										
1	Mole	<i>Talpa sp.</i>					S	S	S	
2	Red Fox	<i>Vulpes vulpes</i>		1	2			1	S	
3	Grey Wolf	<i>Canis lupus</i>		S	4			1	S	
4	Marsican Brown Bear	<i>Ursus arctos marsicanus</i>		1						
5	Weasel	<i>Mustela nivalis</i>		1						
6	Red Deer	<i>Cervus elaphus</i>	4	12	✓			c40		
7	Roe Deer	<i>Capreolus capreolus</i>	1	2				2		
8	Apennine or Abruzzo Chamois	<i>Rupicapra pyrenaica ornata</i>			c4				6	
9	Wild Boar	<i>Sus scrofa</i>		1			S	3		
10	Italian Hare	<i>Lepus corsicanus</i>								LO
11	Brown Hare	<i>Lepus europaeus</i>			1					1
12	Red Squirrel	<i>Sciurus vulgaris</i>		1		1	1	3	1	
13	Bank Vole	<i>Clethrionomys glareolus</i>					✓	✓	✓	
14	Snow Vole	<i>Microtus nivalis</i>							1	
15	cf Savi's Vole	<i>Microtus cf savii</i>			D				2	
16	Wood Mouse (Long-tailed Field Mouse)	<i>Apodemus sylvaticus</i>					1			
17	Hazel Dormouse	<i>Muscardinus avellanarius</i>		D						
Reptiles & Amphibians (Sp = Spawn)										
1	Common Toad	<i>Bufo bufo</i>					sp	1		
2	Frog sp.			1						
3	Western Green Lizard	<i>Lacerta bilineata</i>		2		1				
4	Common Wall Lizard	<i>Podarcis muralis</i>		✓				✓	1	
5	Western Whip Snake	<i>Hierophis viridiflavus</i>	D							
Fish										
1	Common Carp	<i>Cyprinus carpio</i>						1		
Butterflies										
1	Swallowtail	<i>Papilio machaon</i>	LO							
2	Scarce Swallowtail	<i>Iphiclides podalirius</i>		✓	✓			✓		
3	Large White	<i>Pieris brassicae</i>		✓						
4	Small White	<i>Pieris rapae</i>			✓					
5	Green-veined White	<i>Pieris napi</i>		✓						
6	Orange Tip	<i>Anthocharis cardamines</i>		✓	✓			✓		
7	Clouded Yellow	<i>Colias crocea</i>		✓						
8	Berger's Clouded Yellow	<i>Colias alfacariensis</i>			✓			✓	✓	
9	Brimstone	<i>Gonepteryx rhamni</i>		✓	✓			✓	✓	
10	Wood White	<i>Leptidea sinapis</i>		✓	✓					
11	Green Hairstreak	<i>Callophrys rubi</i>			✓					
12	Green-underside Blue	<i>Glaucopsyche alexis</i>						✓		
13	Baton Blue	<i>Pseudophilotes baton</i>				✓				
14	Brown Argus	<i>Aricia agestis</i>			✓					
15	Adonis Blue	<i>Polyommatus bellargus</i>			✓					
16	Common Blue	<i>Polyommatus icarus</i>		✓	✓	✓				

	Common name	Scientific name	May							
			23	24	25	26	27	28	29	30
17	Duke of Burgundy	<i>Hamearis lucina</i>			✓					
18	Large Tortoiseshell	<i>Nymphalis polychloros</i>		✓				✓		
19	Red Admiral	<i>Vanessa atalanta</i>		✓						
20	Painted Lady	<i>Vanessa cardui</i>		✓	✓			✓	✓	
21	Queen of Spain Fritillary	<i>Issoria lathonia</i>			✓					
22	Spotted Fritillary	<i>Melitaea didyma</i>				✓				
23	Fritillary sp.			✓	✓			✓		
24	Meadow Brown	<i>Maniola jurtina</i>						✓		
25	Small Heath	<i>Coenonympha pamphilus</i>		✓	✓	✓		✓		
26	Wall Brown	<i>Lasiommata megera</i>			✓					✓
27	Southern Grizzled Skipper	<i>Pyrgus malvoides</i>			✓			✓		
28	a Grizzled Skipper cf. Oberthür's	<i>Pyrgus armoricanus</i>				✓				
29	Red-underwing Skipper	<i>Spialia sertorius</i>			✓					
30	Dingy Skipper	<i>Erynnis tages</i>			✓					
Micros Moths										
1	Diamond-back Moth	<i>Plutella xylostella</i>							✓	
2		<i>Pyrausta purpuralis</i>			✓					
3		<i>Pyrausta nigrata</i>			✓					
4		<i>Pyrausta cingulata</i>			✓					
5	Rush Veneer	<i>Nomophila noctella</i>			✓					
6	Bee Moth	<i>Aphomia sociella</i>		✓						
7	a Euro micro	<i>Micropterix tuscaniensis</i>		✓						
8	Green Longhorn	<i>Adela reamurella</i>		✓						
9	Grey Tortrix complex	<i>Cnephasia</i> sp.			✓			✓		
10	a Longhorn	<i>Nematopogon</i> sp.			✓					
11	a Crambid	<i>Udea uliginosalis</i>			✓					
12	a Crambid	<i>Scoparia</i> sp.			✓					
13	a Crambid	<i>Thisanotia chrysonuchella</i>								
14	Spindle Ermine	<i>Yponomeuta cagnagella</i>				✓		✓		
15	Bird-cherry Ermine	<i>Yponomeuta evonymella</i>				✓		✓		
16		<i>Grapholita lunlana</i>				✓				
17	Beautiful Plume	<i>Amblyptilia acanthadactyla</i>						✓		
18		<i>Agonopterix yeatiana</i>						✓		
19	a Longhorn	<i>Nemophora metallica</i>							✓	
20		<i>Olethreutes arcuella</i>							✓	
21	a Euro Geometrid	<i>Emmiltis pygmaearia</i>							✓	
Macros Moths										
1	a Forester cf. Cistus	<i>Adscita geryon</i>				✓				
2	Six-spot Burnet	<i>Zygaena filipendulae</i>				✓				
3	Transparent Burnet	<i>Zygaena purpuralis</i>								✓
4	Red Twin-spot Carpet	<i>Xanthorhoe spadicearia</i>			✓					
5	Latticed Heath	<i>Chiasmia clathrata clathrata</i>							✓	
6	Narrow-bordered Bee Hawk-moth	<i>Hemaris tityus</i>				✓				
7	Silver Y	<i>Autographa gamma</i>			✓					
8	Mother Shipton	<i>Callistege mi</i>								✓
9	Burnet Companion	<i>Euclidia glyphica</i>			✓					

	Common name	Scientific name	May							
			23	24	25	26	27	28	29	30
10	Pinion-spotted Pug	<i>Eupithecia insigniata</i>	✓							
11	Lobster Moth	<i>Stauropus fagi</i>		✓	✓					
12	Streamer	<i>Anticlea derivata</i>			✓					
13	Light Feathered Rustic	<i>Agrotis cinerea</i>			✓		✓			
14	Garden Carpet	<i>Xanthorhoe fluctuata</i>			✓					
15	Gem	<i>Orthonarna obstipata</i>			✓					
16	Silver Cloud	<i>Egira conspicillaris</i>			✓		✓			
17	Drab Looper	<i>Minog murinata</i>			✓					
18	Angle Shades	<i>Phlogophora meticulosa</i>			✓					
19	a Euro Noctuid	<i>Hadena magnolii</i>			✓					
20	Ringed Carpet	<i>Cleora cinctaria</i>			✓					
21	Marbled Brown	<i>Drymonia dodonaea</i>			✓					
22	Common Heath	<i>Ematurga atomaria</i>			✓	✓				
23	Yellow Shell	<i>Campyogramma bilineata</i>				✓				
24	Brindled Beauty	<i>Lycia hirtaria</i>			✓					
25	a Euro moth	<i>Caradrina cf. Flavirena</i>			✓					
26	Sweet Gale Moth	<i>Acronicta euphorbiae</i>			✓					
27	Feathered Ear	<i>Pachetra sagittigera</i>			✓					
28	Grey Pug	<i>Eupithecia subfuscata</i>					✓			
29	Carpet sp. cf. Common	<i>Epirrhoe alternata</i>						✓		
30	Dark-barred Twin-spot Carpet	<i>Xanthorhoe ferrugata</i>						✓		
Other Invertebrates (cs = Cases)										
1	Stonefly	<i>Perlidae</i> sp.		✓						
2	Orange-striped Stonefly	<i>Perlodes microcephalus</i>			✓					
3	Field Cricket	<i>Gryllus campestris</i>	H	H	✓			H		
4	Orange-and-black Shield Bug	<i>Graphosoma lineatum (italicum)</i>		✓						
5	Blue Shield Bug	<i>Zicrona caerulea</i>			✓					
6	Pied Shield Bug	<i>Sehirus bicolor</i>						✓		
7	Rhomboid Shield Bug	<i>Syromastes rhombeus</i>						✓		
8	Red-&-black Ground Bug	<i>Lygaeus saxatilis</i>				✓		✓		
9	Red-&-black Ground Bug	<i>Lygaeus equestris</i>							✓	
10	Red and black Froghopper	<i>Cercopis vulnerata</i>			✓	✓		✓		
11	Ascalaphid	<i>Libelloides coccajus</i>				✓				
12	Caddis Fly	<i>Trichoptera</i> sp.		✓	✓		CS			
13	Bee Fly	<i>cf Bombylius major</i>		✓	✓	✓		✓	✓	
14	Black and white spotted Bee Fly	<i>Bombylius atra</i>			✓					
15	Common Drone Fly	<i>Eristalis tenax</i>		✓						
16	a Scorpion Fly	<i>Panorpa communis</i>						✓		
17	Violet Carpenter Bee	<i>Xylocopa violacea</i>		✓	✓			✓		
18	Honey Bee	<i>Apis mellifera</i>		✓	✓			✓	✓	
19	White-tailed Bumblebee	<i>Bombus lucorum</i>			✓			✓		
20	Red-tailed Bumblebee	<i>Bombus lapidarius</i>			✓	✓		✓		
21	Common Carder Bee	<i>Bombus pascuorum</i>		✓	✓	✓		✓	✓	
22	Green Tiger Beetle	<i>Cicindela campestris</i>			✓					
23	a Soldier Beetle	<i>Cantharis rustica</i>						✓		
24	a Soldier Beetle	<i>Cantharis livida</i>				✓				
25	a Soldier Beetle	<i>Silis ruficollis</i>						✓		

	Common name	Scientific name	May							
			23	24	25	26	27	28	29	30
26	Red and Black Beetle	<i>Trichodes alvearius</i>			✓					
27	Glow-worm	<i>Lampyris noctiluca</i>			LO					
28	2-Spot Ladybird	<i>Adalia bipunctata</i>				✓				
29	10-spot Ladybird	<i>Adalia 10-punctata</i>				✓				
30	Cream-spot Ladybird	<i>Calvia 14-guttata</i>			✓	✓				
31	a Longhorn Beetle (white stripe)	<i>Dorcadion arenarium</i>		✓						
32	Green Leaf beetle	<i>Cryptocephalus hypochaeridis</i>						✓		
33	a Burying Beetle	<i>Oiceoptoma thoracicum</i>		✓						
34	Cockchafer	<i>Melolontha melolontha</i>		✓	✓					
35	Common Wasp	<i>Vespula vulgaris</i>		✓						
36	Hornet	<i>Vespa crabro</i>		D						
37	Summer Chafer	<i>Amphimallon solstitialis</i>			✓					
38	Red Ichneumon	<i>Ophion lutens</i>			✓					
39	Red-&-black Ichneumon	<i>Netelia testacea</i>					✓			
40	Paper Wasp	<i>Polistes gallicus</i>			✓					
41	Wood Ant	<i>Formica fufa</i>			✓				✓	
42	Snake Fly	<i>cf. Phaeostigma sp.</i>			✓					
43	a Crane-fly	<i>cf. Tipulidae sp.</i>			✓		✓			
44	Brassica Bug	<i>Eurydema oleracea</i>			✓					
45	a Crab Spider	<i>cf. Atypus affinis</i>			✓					
46	a green Crab Spider	<i>Diaea dorsata</i>				✓				
47	Red-&-black Shield Bug	<i>Eurodema ventralis</i>				✓				
48	a black-and-white Chafer	<i>Oxythyrea funesta</i>				✓		✓		
49	a Mantid sp. Egg Case	<i>Mantodea sp.</i>						✓		
50	Pond Skater	<i>Gerris lacustris</i>					✓			
51	Violet Dor Beetle	<i>Geotrupes mutator</i>					✓			
52	Harvestman	<i>Leiobunum rotundum</i>						✓		
53	Pill Woodlouse	<i>Armadillidium vulgare</i>							✓	
54	Millipede	<i>cf. Tachypodoiulus niger</i>			✓					
55	Roman Snail	<i>Helix pomatia</i>				✓				
56	Brown-lipped Banded Snail	<i>Cepaea nemoralis</i>				✓		✓		
57	large Earthworm	<i>cf. Eophila sp.</i>				✓				



Duke of Burgundy Fritillary



Red-backed Shrike