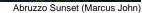
# The Apennines: Italy's Abruzzo National Park

Naturetrek Tour Report

29 May - 5 June 2014







Adonis Blue (Marcus John)

Lago di Barrea (Jessica Turner)

Report compiled by Jessica Turner Images by Marcus John & Jessica Turner



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### Summary:

This second 2014 trip to the Abruzzo National Park in the central Apennines of Italy proved as exciting as ever, with some great opportunities for mammal watching, together with a wide selection of butterflies, flowers and birds, although the latter tended to be rather more elusive. The undoubted highlight was the rare sight of two Wolves, in beautiful morning light, playing together and trotting along a path on the slope opposite us. We also had superb, very close views of Abruzzo Chamois when we walked up the Val di Rose. Red Deer and Wild Boar provided a supporting cast. While we could have had better sightings of Bear this year, it is a reminder that these are truly wild animals, not coming to feeding stations, and it is possible that the smaller amount of snow this spring resulted in them moving to higher altitudes earlier than is sometimes the case. As ever, Marco and Geraldine provided a warm welcome at the Albergo Paradiso, introducing us to several local specialities.

# Day 1

# **Thursday 29th May**

### Weather: Generally cloudy but fine

Having seen off the first group at Rome airport in the morning, Jessica and Marcus met the group as they arrived from the UK. We negotiated the Rome ringroad and headed eastwards on the A24 towards Pescara. A Hoopoe was seen by one group and a Black Kite and a Red Deer hind by the other as, en route, we passed the typical hilltop villages of the Apennine foothills. Turning off the autostrada at Pescina, we noted the roadside flowers as we started to climb towards the Abruzzo National Park. 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 dinner before retiring for the night.

# Day 2

# Friday 30th May

# Weather: Sunny early but cloud gathering. Heavy showers and thunder later

We were delighted to wake up to a beautifully sunny day and one group were out early to drive to Gioia Vecchio, our main watchpoint. Across the valley, we saw a Red Deer hind enjoying the morning sun, and a party of 12 Wild Boar. A Hoopoe was seen silhouetted above the church, and a Western Bonnelli's Warbler showed well.

Another group was also out before breakfast to explore the local surroundings of the track and meadows round the hotel. Tree Sparrow and Coal Tit were seen nesting in the hotel garden, while a male Crossbill and two youngsters were seen in the Conifers. A Firecrest responded angrily to the call on Marcus's phone, showing its firey crest clearly, and Common Redstart, Serin and Cirl Bunting were also seen, as were a pair of Black Redstart feeding their fledglings.

After breakfast, Jessica and Marcus shopped for the picnic while group members watched Wall Lizards (mainly Common but also an Italian one), and a Red-backed Shrike. We then drove to Camosciara, one of the most popular valleys in the Park and surrounded by high mountain peaks and crags. We set off from the car park, and soon 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 (*Anacamptis morio subsp. morio*), all growing with some protection from grazing. Cuckoo and Blackcap were calling all around.

We returned to the road, enjoying the meadows and verges, which held magnificent Lady Orchids (Orchis purpured), Stinking Hellebore (Helleborus foetidus), False Vetch (Astragalus monspessulanus) and Horseshoe Vetch (Hippocrepis commosa). The trees lining the road included Dogwood (Cornus sanguined), Turkey Oak (Quercus cerris) and Goat Willow (Salix caprea). Further on an old wall supported clumps of Aubrieta (Aubrieta columnae subsp. columnae), and a Western Green Lizard was spotted. By the stream, several clumps of Lady's-slipper Orchids (Cypripedium calceolus) were in perfect bloom, 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 were also some spikes of a Leafy Lousewort, Pedicularis hoermanniana. Butterflies included a very fresh Brown Argus, Scarce Swallowtail and Wall Brown, together with beautiful ginger Common Carder Bees and the Violet Carpenter Bee.

We stopped to picnic on a bridge. A Wren's nest was found nearby, and a Dipper was seen briefly, with a possible nest hole identified. Insects included Stoneflies and a large, black Birch Sawfly. We continued up to the cafe, and on 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*) and Coralroot Orchids (*Corallorbiza trifida*) were seen, but on the rocks near the waterfall the Bear's-Ear (*Primula auricula*) was over. As we

started to retrace our steps, we experienced a heavy shower. We sheltered by the cafe waiting for it to pass and then returned to the car park. Red Deer were seen on the slopes above, and a fine male Common Redstart perched on the fence. We then returned to the hotel but a wet evening prevented a later outing.

# Day 3

# Saturday 31st May

### Weather: misty at first, clearing to sunny intervals; heavy showers and thunderstorms later.

An early start saw some of the group out by 05.30am, to drive to Gioia Vecchio, to watch for mammals. Pescasseroli was shrouded in thick mist but we climbed out of it and it was clear at our watchpoint. We reached the church and parked under the trees. Several Red Deer stags were seen, plus a Roe Deer, and good views were had of some 21 Wild Boar in the valley below. Cuckoos were, as ever, very vocal, and one was seen in flight. We then returned to the hotel for breakfast, via a stop at the local bakery.

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 (*Onithogalum angustifolium*), Salad Burnet (*Potentilla sanguisorba*), and Ground-pine (*Ajuga chamaepitys*). On the lower part of an early bank, we were delighted to find several specimens of an endemic form of Late Spider Orchid (*Ophrys dinarica*, considered by some to be a variation of *Ophrys fuciflora*), a single spike of Betoloni's Bee Orchid (*Ophrys bertolonii*), and the emerging spike of a Bedstraw Broomrape (*Orobanche caryophyllacea*). Cuckoos and Field Crickets were calling. We found some Wolf droppings, full of hair. On the slopes at the edge of the valley, were the dwarf Hairy Broom (*Cytisus hirsutus*), Rockrose (*Helianthemum nummularium*) and the smaller flowered Hoary Rockrose (*Helianthemum oelandicum subsp. incanum*), Fragrant Orchid (*Gymnadenia conopsea agg.*) and Stinking Hellebore (*Helleborus foetidus*). A black Chimney Sweeper moth, and Common and Adonis Blues were noted and we had good views of Red-backed Shrikes, perching up on the bushes and trees.

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. A Marsh Tit was feeding young in the Willows by the stream and Grey Wagtail was seen. In the grassy areas, Toothed Orchids (*Neotinea tridentata*), Green-winged Orchids (*Anacamptis morio*), Fragrant Orchids (*Gymnadenia conopsea*) and Common Spotted Orchids (*Dactylorhiza fuchsii*) were seen. Fine Trumpet Gentians (*Gentiana dinarica*), and Matted Globularia (*Globularia cordifolia*) were growing amongst the Juniper. The clouds were gathering and the rain came as we set out our picnic, so we took what shelter we could under the trees. The rain did not last and we walked a bit further on before retracing our steps. Some of us climbed a steep rocky bank to see the bellflower Edraianthus (*Edraianthus graminifolia*), and a Green Tiger Beetle was recorded. We returned down the track, noting Early Marsh Orchids (*Dactylorhiza incarnata*), Water Mint (*Mentha aquatica*), and Brooklime (*Veronica beccabunga*) in the marshy areas. The rain returned and set in for the duration, so we again had an evening in the hotel.

# Sunday 1st June

### Weather: Fine and mainly sunny, but a cool breeze, strong at times

The rain had cleared overnight, and this morning we opted for a local birding walk at 7am. A male Firecrest responded to calls, fiercely displaying his crest as he flew around us. Good views were had of Serins, Cirl Bunting and a male Crossbill. However, it appeared that the Black Redstart family from a nest on the axle of a nearby trailer had fledged, as there was little activity. Wrynecks were heard calling, but remained elusive.

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. The sun had brought out some butterflies, Mazarine and Common Blue, Small Heath and Brown Argus were spotted, plus the distinctive red and black striped Shield Bug *Graphosoma lineatum*. We moved into the wooded area of well-established Beech trees (*Fagus sylvatica*), the plants seen included; Baneberry (*Actaea spicata*), Coralroot (*Cardamine bulbifera*) with black bulbils in the leaf axils, Reflexed Crane's-bill (*Geranium reflexum*), and a fine stand of Herb-Paris (*Paris quadrifolia*). Birds included Marsh Tit, Bullfinch and Common Buzzard. An impressive specimen of the Longhorn Beetle *Morimus funereus* was found in a decaying tree stump, and several Bank Voles were seen, mainly foraging in the leaf litter or dashing between holes.

Where the path forked, we left the road, and proceeded on a more open path. Yellow Alyssum (*Aurinia saxatile*) was recorded, and *Geranium cinereum subsp subcaulescens* was growing on a bank. We left the path and crossed a meadow to search out the main botanical point of interest: the rare and endemic Marsican Iris (*Iris marsica*), which occurs only in Abruzzo. A sizeable clump was located, with its large purple flowers (it is related to *Iris germanica*, the Garden Iris). We had our picnic in a sheltered spot, where both Pearl-bordered Fritillary and Red Admiral were on the wing. As we set off, back down the valley, we found evidence of extensive, recent Wild Boar damage over what, the previous week, had been a flower-covered hillock. Nicky spotted a Nuthatch in an old tree, and we enjoyed good views, while a Painted Lady was added to the butterfly list.

Having returned to the vehicles, we drove down the valley to the hilltop village of Opi, where we explored the steep streets and enjoyed the extensive views (and coffee!). Parties of Common Swift were flying low over the village, and Black Redstarts were also noted. We then returned to the Val Fondillo following advice from the Warden, that bears were often seen on the lower slopes of Monte Marsicano opposite in the early evening. We settled ourselves in a grassy area in the late afternoon sun, scanning the slopes. We saw a number of Red Deer hinds, some resting, others grazing, and a couple silhouetted against the skyline, but no bears were forthcoming so we packed up, and returned to the hotel for dinner.

# Day 5

# Monday 2nd June

### Weather: Frosty morning, fine and mainly sunny but a cool wind

At Gioia Vecchio, several Red Deer stags were enjoying the morning sun on the hillside opposite, and Roe Deer was also seen. As we were scanning, a Marsican Brown Bear was glimpsed, crossing a narrow glade but, unfortunately, only Marcus and Jessica managed to get onto it before it vanished back into the trees. However, spurred on to greater attention, to see whether it would reappear, we were thrilled to see a Wolf emerge from the

trees further up, followed by a second. Probably relative youngsters, they interacted by play-biting each other's muzzle, then trotted across the open ground and along the edge of the trees. Everyone present managed to get good views of them before they eventually disappeared back into the scrub. Although we did not see the bear again, we were thrilled by this much rarer encounter, and returned for breakfast in high spirits.

Today our destination was the gorge at Barrea, the little town at the far end if the Lago di Barrea. While we were preparing to leave, a Forester moth 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, pausing to look back over the lake. Common Redstarts and Black Redstarts were seen around the building, while Red-billed Chough and Crag Martins were in the gorge, flying around a large cave, where they were nesting. A Golden Eagle was spotted in the distance above the hills opposite, but as it circled, it came closer and drifted overhead, giving some good views. Plants included Adriatic Lizard Orchid (*Himantoglossum adriaticum*), Burnt Orchid (*Neotinea 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, *Sempervirum italicum*, not yet in flower. Unfortunately it was rather cold for butterflies, but a number of Black-veined White caterpillars were feeding on a *Prunus*, and a Slow Worm was spotted. A Nightingale was singing, and a Cuckoo was seen several times, as it flew across the hillside.

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 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 (*Neotinea tridentata*), and a good number of the endemic *Ophrys dinarica*, a variation of Late Spider Orchid (*Ophrys fuciflora*). A Turquoise Blue butterfly was another exciting find. On the opposite side of the road, spikes of St Bernard's Lily (*Anthericum lilago*) were in flower.

We then drove on, to above the Passo Godi, where we parked and walked along the track Y1, at about 1600m. We explored the hillsides, noting the beautiful Spurge, *Euphorbia verrucosa*, a yellow Flax *Linum capitatum*, and Elderflower Orchids (*Dactylorhiza sambucina*), both the lemon and magenta colour forms. Further up the slope were a Pale-flowered Orchid (*Orchis pallens*), 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. Birds were rather scarce but a Stonechat showed well.

After another excellent meal, we returned to Gioia Vecchio. En route, Nicky was fortunate to catch a glimpse of a Wolf on a low hillock visible through the trees. It was a beautifully sunny evening, but the low rays of the sun made viewing across the valley quite difficult. The morning's success was not repeated, although we saw a number of Red Deer and four Wild Boar, and had the compensation of a stunning sunset.

# **Tuesday 3rd June**

### Weather: fine and sunny, occasional cloud later

Today, with the promise of fine weather, we decided to do our 'high' walk of Val di Rose. We took an earlier start to drive back down the valley, where those in the car had good views of a Hoopoe flying across and up to the hillside village of Civitella Alfadena. We set off up the stony track through a mosaic of forest and glades.

In the meadows, many butterflies were flying, including Scarce Swallowtail, Queen of Spain, Heath and Pearlbordered Fritillaries, Adonis, Baton and Common Blues. A Western Green Lizard was spotted. Under the Beech trees (*Fagus sylvatica*) Bird's-nest Orchids (*Neottia nidus-avis*) and White Helleborine (*Cephalanthera damasonium*) were coming into flower, while in another clearing there were several specimens of the strange endemic Solenanthus (*Solenanthus apenninus*). In the denser forest, a Wolf dropping was found on the path, full of deer hair; a Goshawk flew through the trees, and a number of the mountain form of Bank Vole were seen.

Eventually we came out above the tree line. There was relatively little snow remaining this year, but the abundance of flowers reflected the cold spring. 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. Red-billed Chough played overhead and also Alpine Chough. The stars of the show were, however, the Abruzzo Chamois, an endemic subspecies of the Pyrenean Chamois, a different species from the Alpine Chamois. About 15 animals were seen in total, some on the screes and crossing the snow, others very close at hand and providing some good photographic opportunities.

Black Redstart, Northern and Black-eared Wheatears, Water Pipits and Linnets were around and, as we had our picnic, a Clouded Yellow butterfly flew past. Suitably refreshed, we climbed up to the Passo Cavuto Pass at 1980m. 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*), Alpine Snowbell (*Soldanella alpina*) and a Potentilla which was probably the endemic *P. rigoana*. On the ridge were a fine display of Spring Gentians (*Gentiana verna*), Spring Crocuses (*Crocus verna*) where the snow had recently melted, and patches of the diminutive Ciliate Rock-jasmine (*Androsace villosa*) with pink and white flowers. Alpine Accentor was seen briefly, plus a probable Snowfinch. We spent some time enjoying this spectacular place, before eventually making our way back to the road, and a reviving stop at the bar in the village.

# Day 7

# Wednesday 4th June

### Weather: mainly fine, warm & sunny, with a cool breeze at times and occasional cloud

Still hoping for bear sightings, we left the hotel at 05.30, for a final morning at Gioia Vecchio; it was however, very quiet, with small numbers of Red and Roe Deer being seen, and a single Wild Boar. After breakfast, we left for Castel Mancino, the rocky hill bearing the ruins of the 13<sup>th</sup> Century castle, above Pescasseroli. First, however, we had the opportunity to look round the town market and to buy items to take home. Having re-gathered, we

parked above the town by the cemetery, and climbed up through the trees, noting various tits and having good views of Eurasian Treecreeper and a couple of Red Squirrels. Common Rockroses (*Helianthemum nummularium*) were flowering in profusion, as was Alpine Basil Thyme (*Clinopodium (Acinos) alpinum*). Butterflies included Common and Scarce Swallowtails, a variety of Blues, Large Wall Brown and Wall Brown, together with Queen of Spain, and the local Lesser Spotted Fritillaries. A Sooty Copper was noted, while moths included Transparent Burnet, Six-spot Burnet, Hummingbird Hawkmoth, and a Little Emerald.

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. We had our picnic on a flat grassy meadow on the opposite side of town, where we recorded Marsh Fritillary. We then moved north to look at the 'landslip meadow'. This sloping piece of land held a great many spikes of Lady Orchid (Orchis purpurea), carpets of the diminutive Burnt Orchid (Neotinea ustulata), Toothed Orchid (Neotinea tridentata), and interesting hybrids between the two, showing varying degrees of characteristics of either parent. Adriatric Lizard Orchids (Himantoglossum adriaticum), Greater and Lesser Butterfly Orchids (Platanthera chlorantha and P. bifolia), Man Orchids (Orchis anthropophora) and Fragrant Orchids (Gymnadenia conopsea agg.) were all flowering. Early Purple Orchids, also abundant, appeared to be a mixed population of the typical Orchis mascula, and Orchis mascula subsp. speciosa (O.ovalis), with the extended and wavy petals and sepals. Further up the meadow a clump were growing with some Sparse-flowered Orchids (Orchis pauciflora) and a number of hybrids were noted, in various shades and combinations of salmon, lemon and purple. Additional colour in the meadow was provided by Nice Milkwort (Polygala nicaeensis), in magenta, dark blue and white, and Horseshoe Vetch (Hippocrepis commosa), which scented the air. Black and white Ascalaphids were flying, and a Crested Porcupine quill was found. We finished the afternoon by visiting a Geletaria in Pescasseroli, where we enjoyed a final ice cream, before returning to the hotel.

# Day 8

# **Thursday 7th June**

### Weather: fine and sunny

We left in good time 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. At the airport we unloaded and said our farewells to Paul and Helen, who were staying on in Rome and Marcus who was on a later flight, and made our way through to departures, and so back home...

# **Naturetrek Facebook**

We are delighted to launch the Naturetrek Facebook page so that participants of Naturetrek tours can remain in touch after the holiday and share photos, comments and future travel plans.

Setting up a personal profile at <u>www.facebook.com</u> is quick, free and easy. The <u>Naturetrek Facebook page</u> is now live; do please pay us a visit!

# **Species Lists**

Plants (\* = a species is endemic)

Scientific name	Common name	Location
PTERIDOPHYTES	FERNS & ALLIES	
Leptosporangiate Ferns	True Ferns	
Aspleniaceae	Spleenwort Family	
Asplenium ceterach	Rustyback	Camosciara
Asplenium ruta-muraria	Wall Rue	Camosciara
Asplenium trichomanes	Maidenhair Spleenwort	Camosciara
Cystopteraceae	Bladder-fern Family	
Cystopteris fragilis	Brittle Bladder-fern	Val Fondillo
Dryopteridaceae	Buckler-fern Family	
Polystichum aculeatum	Hard Shield-fern	Val di Rose
Polystichum lonchitis	Holly-fern	Val di Rose
Polypodiaceae	Polypody Family	
Polypodium vulgare agg	Common Polypody	V. Pesco di Lordo
GYMNOSPERMS	CONIFERS	
Cupressaceae	Juniper Family	
Juniperus communis	Common Juniper	Camosciara
Juniperus communis subsp. alpina	Dwarf Juniper	Monte Godi
Pinaceae	Pine Family	
Pinus mugo	Dwarf Mountain Pine	Val di Rose
Pinus nigra subsp. italica*	Villetta Barrea Black Pine	Above Villetta di Barrea
Pinus nigra subsp. nigra	Austrian or Black Pine	Castel Mancino
Pinus sylvestris	Scots Pine	Castel Mancino
ANGIOSPERMS	FLOWERING PLANTS	
Eu-dicots	True Dicotyledons	
Adoxaceae	Moschatel Family	
Sambucus ebulus	Dwarf Elder	Camosciara
Sambucus nigra	Elder	Camosciara
Viburnum lantana	Wayfaring Tree	Camosciara
Apiaceae	Carrot Family	
Aegopodium podagraria	Ground Elder	Camosciara
Anthriscus sylvestris	Cow Parsley	Camosciara
Conium maculatum	Hemlock	Roadsides
Eryngium amethystinum	Blue Eryngo	Val Fondillo (leaves)
Laserpitium latifolium	Broad-leaved Sermountain	Camosciara (leaves)
Laserpitium siler subsp. siculum	A Sermountain	Val Fondillo
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8		© Naturetrek

Orlaya grandiflora Sanicula europaea Seseli montanum

**Apocynaceae** Vincetoxicum hirundinaria

**Aralaceae** Hedera helix

#### Asteraceae

Adenostyles glabra Bellis perennis Bellis sylvestris Carduus chrysacanthus Carduus nutans Carlina acanthifolia Carlina vulgaris Centaurea calcitrapa Centaurea ceratophylla\* Centaurea montana Cirsium tenoreanum Cota tinctoria Doronicum columnae Eupatorium cannabinum Lactuca perennis Leucanthemum vulgare Onorpordon acanthium Petasites hybridus Pilosella officinarum Podospermum canum Pulicaria dysenterica Senecio doronicum subsp. doronicum Senecio squalidus Tragopogon dubius Tragopogon porrifolius Tragopogon pratensis subsp. minor Xeranthemum inapertum

#### Betulaceae

Carpinus betulus Corylus avellana

#### Boraginaceae

Anchusa azurea Cynoglossum magellense\* Cynoglossum montanum Cynoglottis barrellieri Echium platagineum Lithospermum officinale

#### Common name

Orlaya Sanicle Seseli

Periwinkle Family Swallow-wort

Ivy Family Ivy

#### **Daisy Family**

Adenostyles Daisy Southern Daisy Apennine Thistle Musk Thistle Acanthus-leaved Carline Thistle Carline Thistle Red Star-thistle

Perennial Cornflower a Woolly Thistle Yellow Chamomile Heart-leaved Leopard's-bane Hemp Agrimony Blue Lettuce **Ox-eye Daisy Cotton Thistle Butterbur** Mouse-eared Hawkweed a Cut-leaved Viper's-grass Fleabane **Chamois Ragwort** Oxford Ragwort A Goat's-beard Salsify A Goat's-beard Xeranthemum

#### **Birch Family**

Hornbeam Hazel

#### Forget-me-not Family

Large Blue Alkanet a Hound's-tongue Mountain Hound's-tongue an Anchusa (Blue) Purple Viper's-bugloss Common Gromwell Location

Barrea Val Fondillo Camosciara

Val Fondillo

Barrea

Val Fondillo Camosciara Camosciara Roadsides Roadsides Val Fondillo Camosciara (leaves) Lago di Barrea Above Villetta di Barrea Val Fondillo Camosciara Barrea Val di Rose Val Fondillo Castel Mancino Val Fondillo Civitella Alfadena Camosciara Barrea Widespread Val Fondillo Monte Godi Val di Rose Val Fondillo Barrea Roadsides Barrea

Camosciara Camosciara

Lago di Barrea V. Pesco di Lordo (leaves) Val Fondillo Camosciara Val Fondillo Castel Mancino

Myosotis alpestris Myosotis scorpioides Myosotis sylvatica Onosma echioides Pulmonaria cf apennina\* Solenanthus apenninus\*

#### Brassicaceae

Aethionema saxatile Alliaria petiolata Alyssum minus Alyssum montanum Alyssum saxatile Arabis alpina subsp. caucasica Arabis stellulata Arabis turrita Aubrieta columnae subsp. columnae\* Biscutella laevigata Capsella bursa-pastoris Cardamine bulbifera Cardamine chelidonia Cardamine enneaphyllos Cardamine impatiens Draba aizoides Erysimum pseudorhaeticum\* Hesperis laciniata Nasturtium officinale Thlaspi alpinum Thlaspi stylosum\*

#### Campanulaceae

Campanula persicifolia Edraianthus gramineus Phyteuma orbiculare

#### Caprifoliaceae

Dipsacus fullonum Lonicera caprifolium Lonicera periclymenum Lonicera xylosteum Valeriana officinalis Valeriana tuberosa Valerianella locusta

#### Caryophyllaceae

Cersastium fontanum Cerastium tomentosum Moehringia trinervia Paronychia kapela Silene conica

#### Common name

Alpine Wood Forget-me-not Water Forget-me-not Wood Forget-me-not A Golden-drops A Lungwort Solenanthus

#### **Cabbage Family**

Burnt Candytuft Garlic Mustard an Alyssum Mountain Alyssum Yellow Alyssum Alpine Rock-cress Towercress Aubrieta a Buckler Mustard Shepherd's Purse Coralroot a Bitter-cress (Purple) **Drooping Bitter-cress** Narrow-leaved Bitter-cress Yellow Whitlow-grass a Treacle Mustard Cut-leaved Dame's Violet Watercress Alpine Penny-cress Apennine Penny-cress

#### **Bellflower Family**

Peach-leaved Bellflower Edraianthus Round-headed Rampion

#### **Honeysuckle Family**

Wild Teasel Perfoliate Honeysuckle Honeysuckle Fly Honeysuckle Common Valerian Tuberous Valerian Common Cornsalad

#### **Pink Family**

Common Mouse-ear Snow-in-Summer Three-veined Sandwort a Paronychia Sand Catchfly

#### Location

Val di Rose Val Fondillo Val Fondillo Roadsides Camosciara V. Pesco di Lordo

Val Fondillo Camosciara Val Fondillo Barrea V. Pesco di Lordo Val di Rose Val di Rose Camosciara Camosciara Monte Godi Camosciara Camosciara Camosciara Camosciara Camosciara Val di Rose Val Fondillo Val Fondillo Val Fondillo Val di Rose

Near the Hotel

Val Fondillo Camosciara

# Camosciara Camosciara Camosciara Camosciara Val di Rose V. Pesco di Lordo

Camosciara Camosciara V. Pesco di Lordo Barrea Hotel Silene dioica Silene (Lychnis) flos-cuculi Silene italica Silene latifolia Stellaria nemorum

**Celastraceae** Euonymus europaeus

*Cistaceae* Helianthemum apenninum Helianthemum nummularium Helianthemum oelandicum subsp.alpestre Helianthemum oelandicum subsp.incanum

**Convolvulaceae** Convolvulus arvense Convolvulus cantabrica Cuscuta epithymum

**Cornaceae** Cornus sanguinea

### Crassulaceae

Sedum acre Sedum dasyphyllum Sedum hispanicum Sedum rubens Sedum rupestre Sedum sexangulare Sempervivum arachnoideum Sempervivum italicum\*

**Cucurbitaceae** Bryonia dioica

#### Euphorbiaceae

Euphorbia amygdaloides Euphorbia cyparissias Euphorbia helioscopia Euphorbia myrsinites Euphorbia verrucosa Mercurialis perennis

#### Fabaceae

Anthyllis vulneraria agg. Astragalus depressus Astragalus monspessulanus Astragalus sempervirens Cytisophyllum sessilifolium

#### Common name

Red Campion Ragged Robin Italian Catchfly White Campion Wood Stitchwort

Spindle Family Spindle Tree

Rock-rose Family White Rockrose Rockrose Alpine Rockrose Hoary Rockrose

Bindweed Family Field Bindweed Pink Bindweed Common Dodder

Dogwood Family Dogwood

**Stonecrop Family** 

Biting Stonecrop Fat-leaved Stonecrop A Stonecrop Reddish Stonecrop Rock Stonecrop Tasteless Stonecrop Cobweb Houseleek A Houseleek

Gourd Family

White Bryony

#### Spurge Family

Wood Spurge Cypress Spurge Sun Spurge Glaucous Spurge

Dog's Mercury

#### Pea Family

Kidney Vetch Sprawling Milk-vetch False Vetch Mountain Tragacanth Sessile Broom

#### Location

Camosciara Camosciara Camosciara Val Fondillo Camosciara

Camosciara

Roadsides Camosciara Val di Rose (leaves) Val Fondillo

Castel Mancino Roadsides en route Camosciara

#### Camosciara

V. Pesco di Lordo Camosciara (leaves) Camosciara (leaves) Camosciara (leaves) V. Pesco di Lordo Camosciara (leaves) Val di Rose Barrea

Val Fondillo

Camosciara Val Fondillo Barrea Val Fondillo Monte Godi Val di Rose

Camosciara Val Fondillo Camosciara Val di Rose Camosciara

Cytisus (Chamaecytisus) hirsutus Genista tinctoria Hedysarum coronarium Hippocrepis comosa Laburnum anagroides Lathyrus aphaca Lathyrus pratensis Lathyrus setifolius Lathyrus venetus Lathyrus vernus Lotus corniculatus Medicago lupulina Onobrychis arenaria Onobrychis viciifolia Spartium junceum Trifolium incarnatum subsp. molinerii Trifolium pratense Trifolium repens Trifolium resupinatum Trifolium stellatum Vicia cracca Vicia sativa agg Vicia sepium Vicia villosa

#### Fagaceae

Fagus sylvatica Quercus cerris Quercus pubescens

#### Gentianaceae

Blackstonia perfoliata Gentiana cruciata Gentiana dinarica\* Gentiana lutea Gentiana verna

#### Geraniaceae

Erodium alpinum Erodium cicutarium Geranium cinereum subsp. subcaulescens Geranium dissectum Geranium lucidum Geranium macrorrhizum Geranium molle Geranium pyrenaicum Geranium reflexum Geranium robertianum

#### Common name

Hairy Broom Dyer's Greenweed **Italian Sainfoin** Horseshoe Vetch Laburnum Yellow Vetchling Meadow Vetchling **Red Grass Vetchling** A Spring Pea Spring Pea Bird's-foot Trefoil Black Medick Small Sainfoin Sainfoin Spanish Broom a Crimson Clover **Red Clover** White Clover **Reversed Clover** Starry Clover **Tufted Vetch** Common Vetch **Bush Vetch** Fodder Vetch

#### **Beech Family**

Beech Turkey Oak Downy Oak

#### **Gentian Family**

Yellow-wort Cross Gentian a Trumpet Gentian Great Yellow Gentian Spring Gentian

#### Crane's-bill Family

Alpine Stork's-bill Common Stork's-bill a Crane's-bill Cut-leaved Crane's-bill Shining Crane's-bill Rock Crane's-bill Dove's-foot Crane's-bill Hedgerow Crane's-bill Reflexed Crane's-bill Herb Robert

#### Location

Val Fondillo Gioia Vecchio Roadsides Camosciara Camosciara Castel Mancino Val di Rose Val di Rose Camosciara Val di Rose Camosciara Camosciara Barrea Camosciara Roadsides Barrea Camosciara Camosciara Lago di Barrea Castel Mancino Camosciara Val di Rose Camosciara Camosciara

Camosciara Camosciara Camosciara

Orchid Meadow Camosciara (leaves) Camosciara Monte Godi (leaves) Val di Rose

### Widespread V. Pesco di Lordo Monte Godi Camosciara Camosciara (leaves) Val Fondillo Camosciara V. Pesco di Lordo Camosciara

**Grossulariaceae** Ribes uva-crispa

Hypericaceae Hypericum perforatum

#### Lamiaceae

Ajuga chamaepitys Ajuga reptans Clinopodium (Acinos) alpina Lamiastrum galeobdolon Lamium album Lamium garganicum Melittis melissophyllum Mentha aquatica Mentha longifolia Salvia verbenaca Satureja montana Stachys germanica Thymus serpyllum

Lentibulariaceae Pinguicula vallis-regiae\*

#### Linaceae

Linum bienne Linum capitatum Linum catharticum

**Malvaceae** Malva moschata

**Oleaceae** Fraxinus excelsior Fraxinus ornus

#### Orobanchaceae

Euphrasia agg Orobanche caryophyllacea Orobanche gracilis Orobanche minor Parentucellia latifolia Pedicularis hoermanniana Rhinanthus minor Rhinanthus wettsteinii

#### Papaveraceae

Chelidonium majus Papaver rhoeas

#### Common name

Gooseberry Family Gooseberry

St. John's-wort Family Perforate St. John's-wort

#### **Deadnettle Family**

Ground Pine Bugle Alpine Basil Thyme Yellow Archangel White Dead-nettle Large Red Dead-nettle Bastard Balm Water Mint Horse Mint Wild Clary Winter Savory Downy Woundwort Wild Thyme

**Butterwort Family** A large-flowered Butterwort

Flax Family Pale Flax a Yellow Flax Fairy (Purging) Flax

Mallow Family Musk Mallow

**Olive Family** Ash Flowering Ash

### Broomrape Family Eyebright Bedstraw Broomrape Slender Broomrape Common Broomrape Southern Red Bartsia a Leafy Lousewort Yellow Rattle Apennine Rattle

**Poppy Family** Greater Celandine Common Poppy Location

Val Fondillo

Val Fondillo (leaves)

Val Fondillo Camosciara Monte Godi V. Pesco di Lordo Camosciara Camosciara Val Fondillo Camosciara Barrea Val Fondillo Camosciara

Camosciara

Val Fondillo Monte Godi Barrea

V. Pesco di Lordo (leaves)

Roadsides Roadsides

Val Fondillo Barrea Orchid Meadow Val Fondillo Val Fondillo Camosciara Camosciara Barrea

Lago di Barrea Roadsides

#### Plantaginaceae

Cymbalaria muralis Digitalis ferruginea Digitalis lutea Globularia cordifolia Globularia punctata Linaria purpurea Plantago atrata Plantago lanceolata Plantago major Plantago media Veronica beccabunga Veronica chamaedrys Veronica orsiniana Veronica serpyllifolia

Plumbaginaceae Armeria canescens

### Polygalaceae

Polygala alpestris Polygala chamaebuxus Polygala flavescens Polygala major Polygala nicaeensis Polygala serpyllifolia

Polygonaceae Rumex acetosella Rumex scutatus

#### Primulaceae

Anagallis arvensis Androsace villosa Primula auricula Primula vulgaris Soldanella alpina

#### Ranunculaceae

Actea spicata Aquilegia vulgaris Delphinium c.f. halteratum Ficaria verna agg Helleborus foetidus Hepatica nobilis Pulsatilla alpina Ranunculus apenninus Ranunculus bulbosus Ranunculus monspeliacus Ranunculus pencillatus

#### Common name

#### **Plantain Family**

Ivy-leaved Toadflax Brown Foxglove Small Yellow Foxglove Matted Globularia Common Globularia Purple Toadflax Dark Plantain Ribwort Plantain Greater Plantain Hoary Plantain Brooklime Germander Speedwell a Speedwell

Thrift Family Plantain-leaved Thrift

# Milkwort Family

Mountain Milkwort Shrubby Milkwort A Yellow Milkwort A Milkwort Nice Milkwort Thyme-leaved Milkwort

Knotweed Family Sheep's Sorrel French Sorrel

#### **Primrose Family**

Scarlet Pimpinel Ciliate Rock-jasmine Bear's-ear Primrose Alpine Snowbell

#### **Buttercup Family**

Baneberry Columbine a Delphinium Lesser Celandine Stinking Hellebore Hepatica Alpine Pasque Flower Apennine Buttercup Bulbous Buttercup

Stream Water Crowfoot

#### Location

Camosciara Camosciara (leaves) Val di Rose (leaves) Val Fondillo Camosciara Castel Mancino Val di Rose Camosciara V. Pesco di Lordo Camosciara Val Fondillo Camosciara V. Pesco di Lordo Camosciara

Val Fondillo

Val di Rose Camosciara Val Fondillo Above Villetta di Barrea Camosciara Val Fondillo

Val Fondillo Val di Rose

Barrea Val di Rose Val di Rose Camosciara Val di Rose

V. Pesco di Lordo Camosciara V. Pesco di Lordo (leaves) Val di Rose Camosciara Camosciara (leaves) Val di Rose Val di Rose Camosciara Val Fondillo Val Fondillo Ranunculus thora Thalictrum aquilegifolium

Resedaceae Reseda lutea

Rhamnaceae Rhamnus alpinus Rhamnus saxatilis

#### Rosaceae

Alchemilla alpina Alchemilla colorata Aremonia agimonoides Cotoneaster integerrimus Crataegus laevigata Crataegus monogyna Dryas octopetala Fragaria vesca Geum urbanum Malus sylvestris Potentilla apennina\* Potentilla detommasii Potentilla recta Potentilla c.f. rigoana\* Prunus mahaleb Prunus spinosa Pyrus pyraster Rosa canina agg Rubus fruticosa agg. Rubus idaeus Sanguisorba minor Sorbus aria Sorbus aucuparia

#### Rubiaceae

Cruciata laevipes Galium aparine Galium mollugo Galium odoratum Sherardia arvensis

#### Salicaceae

Populus nigra agg. Populus tremula Salix alba Salix caprea Salix purpurea

#### Common name

Thore's Buttercup Great Meadow-rue

**Mignonette Family** Wild Mignonette

**Buckthorn Family** Alpine Buckthorn Rock Buckthorn

#### **Rose Family**

Alpine Lady's Mantle a Lady's Mantle **Bastard Agrimony** Wild Cotoneaster Midland Hawthorn Hawthorn Mountain Avens Wild Strawberry Wood Avens Crab Apple Apennine Cinquefoil (silvery leaves) A Sulphur Cinquefoil Sulphur Cinquefoil an Alpine Cinquefoil (7 leaflets) St. Lucie's Cherry Blackthorn Wild Pear Dog Rose Bramble Raspberry Salad Burnet Whitebeam Rowan

#### **Bedstraw Family**

Crosswort Cleavers Hedge Bedstraw Woodruff Field Madder

#### Willow Family

Black Poplar Aspen White Willow Goat Willow **Purple Willow**  Location

Camosciara Camosciara

Lago di Barrea

V. Pesco di Lordo Barrea

Val di Rose V. Pesco di Lordo V. Pesco di Lordo Barrea Camosciara Camosciara Val di Rose (leaves) Camosciara Camosciara V. Pesco di Lordo Val di Rose Val Fondillo Camosciara Val di Rose Barrea Camosciara Camosciara Camosciara Camosciara **Castel Mancino** Camosciara V. Pesco di Lordo Roadsides

Camosciara Camosciara Barrea V. Pesco di Lordo Val Fondillo

Val Fondillo Val Fondillo Camosciara Camosciara Camosciara

**Santalaceae** Thesium divaricatum Thesium linophyllon

#### Sapindaceae

Acer campestre Acer monspessulanum Acer opalus Acer pseudoplatanus

#### Saxifragaceae

Saxifraga adscendens subsp.adscendens Saxifraga adscendens c.f. subsp. parnassica Saxifraga bulbifera Saxifraga callosa Saxifraga granulata Saxifraga paniculata Saxifraga porophylla\* Saxifraga rotundifolia Saxifraga tridactylites

Scrophulariaceae Scrophularia canina subsp. canina Scrophularia scopolii Scrophularia vernalis Verbascum mallophorum Verbascum thapsus

**Thymelaeaceae** Daphne laureola Daphne mezereum Daphne oleoides

**Urticaceae** Urtica dioica

Violaceae Viola arvense Viola eugeniae\* Viola riviniana

Viscaceae Viscum album

#### Monocots

Amaryllidaceae Allium saxatile Allium schoenocephalum

#### Common name

Sandelwood Family A Bastard Toadflax Fine-leaved Bastard Toadflax

Maple Family Field Maple Montpelier Maple Italian Maple Sycamore

#### **Saxifrage Family**

Biennial Saxifrage a Biennial Saxifrage Bulbous Saxifage Thick-leaved Saxifrage Meadow Saxifrage Live-long Saxifrage Reddish Saxifrage Round-leaved Saxifrage Rue-leaved Saxifrage

**Figwort Family** Dog (French) Figwort Italian Figwort Yellow Figwort a large branched Mullein

Daphne Family Spurge Laurel Mezereon

Aaron's Rod

Nettle Family Nettle

Violet Family Field Pansy a Pansy Common Dog Violet

Mistletoe Family Mistletoe

#### Monocotyledons

Daffodil Family Rock Onion Chives

#### Location

Val Fondillo Val Fondillo

Camosciara Camosciara Camosciara Gioia Vecchio

Val di Rose V. Pesco di Lordo Val Fondillo Barrea Val Fondillo Barrea Val di Rose Camosciara Camosciara

Val Fondillo Val Fondillo Val Fondillo V. Pesco di Lordo Roadsides

Camosciara Val di Rose Barrea

Camosciara

Camosciara Val Fondillo V. Pesco di Lordo

Camosciara

Camosciara (leaves) Val di Rose

Araceae Arum italicum subsp. neglectum

### Asparagaceae

Anthericum liliago Muscari comosum Muscari neglecta Ornithogalum angustifolium Polygonatum multiflorum Scilla bifolia

Colchicaceae Colchicum autumnale

#### Iridaceae

Crocus vernus Iris germanica Iris marsica\*

Liliaceae Gagea liotardii (G. fragifera, G. fistulosa)

*Melanthiaceae* Paris quadrifolia Veratrum album subsp lobelianum

### Orchidaceae Anacamptis (Orchis) morio subsp. morio Cephalanthera damasonium Cephalanthera longifolia Corallorhiza trifida Cypripedium calceolus Dactylorhiza fuchsii Dactylorhiza incarnata Dactylorhiza sambucina Epipactis atrorubens Epipactis helleborine Gymnadenia conopsea agg Himantoglossum adriaticum Neotinea (Orchis) tridentata Neotinea (Orchis) ustulata Neotinea tridentata x N. ustulata Neottia ovata Neottia nidus-avis Ophrys bertolonii Ophrys fuciflora subsp. fuciflora (O. dinarica) Orchis anthropophora Orchis mascula Orchis mascula subsp. speciosa (O. ovalis) Orchis militaris

#### Common name

Arum Family Large Cuckoo Pint

Asparagus Family St. Bernards Lily Tassel Hyacinth Dark Grape Hyacinth Common Star of Bethlehem Solomon's Seal Alpine Squill

Autumn Crocus Family Autumn Crocus

Iris Family Spring Crocus German Iris Marsican Iris

Lily Family a Yellow Star of Bethlehem

Herb Paris Family Herb Paris White False Helleborine

### **Orchid Family**

Green-winged Orchid White Helleborine Sword-leaved Helleborine **Coralroot Orchid** Lady's Slipper Orchid Common Spotted-orchid Early Marsh Orchid **Elderflower Orchid** Dark Red Helleborine **Broad-leaved Helleborine** Fragrant Orchid Adriatic Lizard Orchid **Toothed Orchid Burnt Orchid** Hybrid Twavblade Bird's Nest Orchid Bertoloni's Bee Orchid A Late Spider Orchid Man Orchid Early Purple Orchid an Early Purple Orchid Military Orchid

#### Location

Camosciara

Above Villetta di Barrea Val Fondillo V. Pesco di Lordo Camosciara Camosciara Val di Rose

Orchid Meadow (seed pods)

Val di Rose Roadsides V. Pesco di Lordo

Val di Rose

Camosciara Camosciara (leaves)

Camosciara Camosciara Camosciara Camosciara Camosciara Camosciara Val Fondillo Monte Godi Val Fondillo (in bud) Camosciara (leaves) Val Fondillo Barrea Val Fondillo **Orchid Meadow** Orchid Meadow Camosciara Camosciara Val Fondillo Val Fondillo Above Villetta di Barrea **Orchid Meadow** Camosciara Camosciara

Location

#### Scientific name

Orchis pallens	Pale-flowered Orchid	Monte Godi
Orchis pauciflora	Sparse Flowered Orchid	Monte Godi
Orchis purpurea	Lady Orchid	Camosciara
Orchis mascula x O. pauciflora	Hybrid	Monte Godi
Platanthera bifolia	Lesser Butterfly Orchid	Orchid Meadow
Platanthera chlorantha	Greater Butterfly Orchid	Orchid Meadow
Poaceae	Grass Family	
Briza media	Quaking Grass	Orchid Meadow
Festuca vivipara	Viviparous Fescue	Val di Rose
Melica uniflora	Wood Melick	Camosciara
Poa bulbosa subsp. vivipara	Viviparous Meadow-grass	Val di Rose

Common name

#### FUNGI

Lecanoromycetes	LICHENS	
Lobaria pulmonaria	Lungwort	Camosciara

Birds ( $\checkmark$ =recorded but not counted; H = heard only)

						May/Ju	ne		
	Common name	Scientific name	29	30	31	1	2	3	4
1	Mallard	Anas platyrrhynchos		✓					
2	Great Crested Grebe	Podiceps cristatus					✓		
3	Grey Heron	Ardea cinerea					✓		
4	Little Egret	Egretta garzetta	✓						
5	Black Kite	Milvus migrans	✓						
6	Eurasian Sparrowhawk	Accipiter nisus							✓
7	Northern Goshawk	Accipiter gentilis						✓	
8	Common Buzzard	Buteo buteo	✓	✓		✓	✓		✓
9	Golden Eagle	Aquila chrysaetos					✓		
10	Common Kestrel	Falco tinnunculus	✓		<ul> <li>✓</li> </ul>	✓	✓		
11	Eurasian Coot	Fulica atra					✓		
12	Yellow-legged Gull	Larus michahellis	✓						
13	Rock Dove/Feral Pigeon	Columba livia	✓			✓		✓	✓
14	Common Wood Pigeon	Columba palumbus		✓	<ul> <li>✓</li> </ul>	✓	✓	✓	✓
15	European Turtle Dove	Streptopelia turtur				Н			
16	Eurasian Collared Dove	Streptopelia decaocto	✓						✓
17	Common Cuckoo	Cuculus canorus		✓	✓	✓	Н	Н	Н
18	Eurasian Scops Owl	Otus scops	Н						
19	Tawny Owl	Strix aluco						Н	
20	Alpine Swift	Tachymarptis melba				✓			
21	Common Swift	Apus apus	✓	✓			✓	✓	✓
22	Eurasian Hoopoe	Upupa epops	✓	✓	H	✓	✓	✓	Н
23	Eurasian Wryneck	Jynx torquilla		н	<ul> <li>✓</li> </ul>	Н	Н	Н	Н
24	Great Spotted Woodpecker	Dendrocopos major		Н				Н	
25	European Green Woodpecker	Picus viridis			Н		Н		
26	Red-backed Shrike	Lanius collurio		✓	8	3	✓		
27	Eurasian Jay	Garrulus glandarius	<ul> <li>✓</li> </ul>	✓					
28	Common Magpie	Pica pica	✓	✓	<ul> <li>✓</li> </ul>	✓	✓	✓	✓
29	Red-billed Chough	Pyrrhocorax pyrrhocorax					✓	✓	

						May/Ju	ne		
	Common name	Scientific name	29	30	31	1	2	3	4
30	Alpine Chough	Pyrrhocorax graculus						✓	
31	Western Jackdaw	Coloeus monedula	✓						
32	Hooded Crow	Corvus cornix	✓	$\checkmark$	✓	✓	✓	✓	1
33	Common Raven	Corvus corax						✓	
34	Marsh Tit	Poecile palustris			✓	✓	✓	✓	✓
35	Coal Tit	Periparus ater		$\checkmark$	✓	✓	✓	✓	✓
36	Great Tit	Parus major		✓	✓	✓	✓	Н	✓
37	Eurasian Blue Tit	Cyanistes caeruleus		✓	✓	✓	✓	✓	✓
38	Barn Swallow	Hirundo rustica	✓	$\checkmark$	✓	✓	✓	✓	✓
39	Eurasian Crag Martin	Ptyonoprogne rupestris					✓	✓	
40	Common House Martin	Delichon urbicum	✓	$\checkmark$	✓	✓	✓	✓	✓
41	Long-tailed Tit	Aegithalos caudatus		✓	✓	н			
42	Common Chiffchaff	Phylloscopus collybita		✓	Н	н	Н	Н	Н
43	Western Bonelli's Warbler	Phylloscopus bonelli		✓	✓	✓	Н	Н	1
44	Wood Warbler	Phylloscopus sibilatrix						✓	
45	Eurasian Blackcap	Sylvia atricapilla		Н	Н	✓	Н	Н	✓
46	Common Whitethroat	Sylvia communis					✓		
47	Common Firecrest	Regulus ignicapillus		✓	Н	✓	✓	✓	✓
48	Goldcrest	Regulus regulus						✓	
49	Eurasian Wren	Troglodytes troglodytes		✓	Н	✓	н	Н	Н
50	Eurasian Nuthatch	Sitta europaea		Н	✓	✓		✓	
51	Eurasian Treecreeper	Certhia familiaris			✓	Н		Н	✓
52	Common Starling	Sturnus vulgaris	✓	✓	✓	✓	✓		<b>√</b>
53	Common Blackbird	Turdus merula	✓	✓	✓	✓	✓	✓	✓
54	Song Thrush	Turdus philomelos		✓		Н	Н	Н	
55	Mistle Thrush	Turdus viscivorus				✓		✓	✓
56	European Robin	Erithacus rubecula		✓	✓	✓	✓	✓	<ul> <li>✓</li> </ul>
57	Common Nightingale	Luscinia megarhynchos		Н			н	Н	
58	Black Redstart	Phoenicurus ochruros		✓	✓	✓	✓	✓	✓
59	Common Redstart	Phoenicurus phoenicurus		✓	✓	✓	✓	✓	1
60	European Stonechat	Saxicola torquata					✓		✓
61	Northern Wheatear	Oenanthe oeneanthe				✓	✓	✓	✓
62	Black-eared Wheatear	Oenanthe hispanica						✓	
63	Spotted Flycatcher	Muscicarpa striata				✓			
64	White-throated Dipper	Cinclus cinclus		✓					
65	Italian Sparrow	Passer domestic italiae	✓	✓	✓	✓	✓	✓	✓
66	Eurasian Tree Sparrow	Passer montanus		✓	✓	✓	✓	✓	1
67	White-winged Snowfinch	Montifringilla nivalis						?	
68	Alpine Accentor	Prunella collaris						✓	
69	Grey Wagtail	Montacilla cinerea		✓	✓		✓		✓
70	White Wagtail	Montacilla alba		✓	✓	✓	✓	✓	✓
71	Water Pipit	Anthus spinoletta						✓	
72	Common Chaffinch	Fringilla coelebs	✓	✓	✓	✓	✓	✓	<ul> <li>✓</li> </ul>
73	European Serin	Serinus serinus		~	✓	✓	✓	✓	✓
74	European Greenfinch	Chloris chloris				✓			<b>√</b>
75	European Goldfinch	Carduelis carduelis		✓	✓	✓	✓	✓	<ul> <li>✓</li> </ul>
76	Common Linnet	Acanthus cannabina						✓	Н
77	Red Crossbill	Loxia curvirosta		✓		✓		✓	1

			May/June								
	Common name	Scientific name	29	30	31	1	2	3	4		
78	Eurasian Bullfinch	Pyrrhula pyrrhula			✓	$\checkmark$			$\checkmark$		
79	Corn Bunting	Emberiza calandra					Н				
80	Yellowhammer	Emberiza citrinella					✓		✓		
81	Western Rock Bunting	Emberiza cia					✓	✓	<ul> <li>Image: A start of the start of</li></ul>		
82	Cirl Bunting	Emberiza cirlus		✓		✓					

# Mammals (D = droppings; S = signs of; LO = Leaders Only)

1	Shrew sp. (Poss Apennine)	Sorex sp (cf S. samniticus)						✓	
2	Mole	Talpa sp.				S		S	S
3	Red Fox	Vulpes vulpes					✓		
4	Apennine Wolf	Canis lupus italicus			D		3	D	
5	Marsican Brown Bear	Ursus arctos marsicanus					1(LO)		
6	Red Deer	Cervus elaphus	1	c15	25	12	10	2	7
7	Roe Deer	Capreolus capreolus			1		1		2
8	Apennine or Abruzzo Chamois	Rupicapra pyrenaica ornata						c15	
9	Wild Boar	Sus scrofa		c12	22		c10	5	1
10	Brown Hare	Lepus europaeus			2	1			
11	Red Squirrel	Sciurus vulgaris							3
12	Bank Vole	Clethrionomys glareolus		✓	✓	✓	✓	✓	$\checkmark$
13	Wood Mouse (Long-tailed Field Mouse)	Apodemus sylvaticus							2
14	Crested Porcupine	Hystrix cristata							S

# Reptiles & Amphibians

1	Common Toad	Bufo bufo			Spawn			
2	Green Lizard	Lacerta viridis	✓		$\checkmark$		✓	$\checkmark$
3	Common Wall Lizard	Podarcis muralis	✓	✓	✓	✓	✓	$\checkmark$
4	Italian Wall Lizard	Podarcis sicula	✓		✓			
5	Slow Worm	Anguis fragilis				✓		

Fish

1	Brown Trout	Salmo trutta	✓	✓	✓		
2	Common Carp	Cyprinus carpio				✓	

### **Butterflies**

1	Swallowtail	Papilo machaon						✓
2	Scarce Swallowtail	Iphiclides podalirius	✓				✓	✓
3	Black-veined White	Aporia crataegi				С		
4	Large White	Pieris brassicae	✓		✓	✓	✓	✓
5	Small White	Pieris rapae	✓		✓	✓	✓	✓
6	Orange Tip	Anthocharis cardamines				✓		✓
7	Berger's Clouded Yellow	Colias alfacariensis			✓			
8	Clouded Yellow	Colias crocea					✓	✓
9	Brimstone	Gonepteryx rhamni						<ul> <li>✓</li> </ul>
10	Wood White	Leptidea sinapis	✓	✓		✓	✓	✓
11	Green Hairstreak	Callophrys rubi					✓	
12	Sooty Copper	Lycaena tityrus						✓
13	Little Blue	Cupido minimus					✓	✓

	Common name		May/June								
		Scientific name	29	30	31	1	2	3	4		
14	Baton Blue	Pseudophilotes baton						✓			
15	Brown Argus	Aricia agestis		✓	✓	✓	✓	✓	1		
16	Mazarine Blue	Cyaniris semiargus				✓			✓		
17	Turquoise Blue	Plebicula dorylas					✓				
18	Adonis Blue	Lysandra bellargus			✓			✓	✓		
19	Common Blue	Polyommatus icarus			✓	✓	✓	✓	✓		
20	Red Admiral	Vanessa atalanta				✓			1		
21	Painted Lady	Vanessa cardui				✓	✓		✓		
22	Queen of Spain Fritillary	Issoria lathonia						✓	✓		
23	Pearl-bordered Fritillary	Boloria euphrosyne				✓		✓	1		
24	Lesser Spotted Fritillary	Melitaea trivia							✓		
25	Heath Fritillary	Mellicta athalia						✓			
26	Marsh Fritillary	Euphydryas aurina						С	<ul> <li>✓</li> </ul>		
27	Small Heath	Coenonympha pamphilus			✓	✓	✓	✓	✓		
28	Speckled Wood	Pararge aegeria				✓		✓	✓		
29	Wall Brown	Lasiommata megera		✓			✓	✓	<ul> <li>✓</li> </ul>		
30	Large Wall Brown	Lasiommata maera						✓	<ul> <li>✓</li> </ul>		
31	Grizzled Skipper	Pyrgus malvae							<ul> <li>✓</li> </ul>		

# Moths (C = caterpillar)

### Macros:

			1	1 1		1		-
1	Forester	Adscita statices				✓		
2	Six-spot Burnet	Zygaena filipendulae						✓
3	Transparent Burnet	Zygaena purpuralis				✓	✓	✓
4	An Eggar	Eriogaster catax	С					
5	A Lackey	Malacosoma franconica				С		
6	Little Emerald	Jodis lactearia						✓
7	Lace Border	Scopula ornata					✓	
8	Chimney Sweeper	Odezia atrata		✓				
9	Speckled Yellow	Pseudopanthera macularia					✓	✓
10	Hummingbird Hawkmoth	Macroglossum stellatarum				✓		✓
11	Mother Shipton	Callistege mi			✓		✓	
Mic	ros:							
1	Grass Moth sp.							✓

# Other Invertebrates

1	Mayfly	Ephemera sp.		✓					
2	Stonefly	Perlidae sp.		✓					
3	Field Cricket	Gryllus campestris	Н	Н	н	$\checkmark$			✓
4	Red and black Shield Bug	Graphosoma lineatum (italicum)				✓	✓		$\checkmark$
5	Green Shield Bug	Palomena prasina							✓
6	Red and black Froghopper	Cercopis vulnerata			$\checkmark$				✓
7	Ascalaphid	Libelloides coccajus							✓
8	Bee Fly	cf Bombylius major					✓		
9	Black and white spotted Bee Fly	Bombylius atra							✓
10	Birch Sawfly	Cimbex femoratus		✓					
11	Ichneumon Wasp	Ichneumonidae sp.							✓
12	Violet Carpenter Bee	Xylocopa violacea					✓	✓	✓

	Common name			May/June							
		Scientific name	29	30	31	1	2	3	4		
13	Honey Bee	Apis melifera			<ul> <li>Image: A start of the start of</li></ul>						
14	White-tailed Bumblebee	Bombus lucorum			✓						
15	Common Carder Bee	Bombus pascuorum				✓	✓	✓	<ul> <li>✓</li> </ul>		
16	Dor Beetle	Geotropes vernalis						✓			
17	Cockchafer	Melolontha melolontha					✓				
18	Rose Chafer	Cetonia aurata							<ul> <li>✓</li> </ul>		
19	a Violet Click Beetle	cf Limoniscus violaceus			✓						
20	A Soldier Beetle	Cantharis rustica			✓						
21	7-Spot Ladybird	Coccinella 7-punctata					✓		<ul> <li>✓</li> </ul>		
22	a Longhorn Beetle	Morimus funereus				✓					
23	Wolf Spider	Lycosidae sp				✓	✓				

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Lady's Slipper Orchids (Marcus John)

Spring Crocus (Jessica Turner)