

# Flowers of Italy's Gargano Peninsula

Naturetrek Tour Report

20 – 27 April 2015



*Ophrys apulica*



Orchard with Lady Orchids



Southern Festoon



The Small-patterned Ophrys

Report & images compiled by Andrew Cleave & Lee Morgan



Naturetrek Mingledown Barn Wolf's Lane Chawton Alton Hampshire GU34 3HJ UK

T: +44 (0)1962 733051

E: [info@naturetrek.co.uk](mailto:info@naturetrek.co.uk)

W: [www.naturetrek.co.uk](http://www.naturetrek.co.uk)

Tour Participants: Andrew Cleave & Lee Morgan (leaders) with 11 Naturetrek clients

## Trip Summary

We enjoyed pleasant sunny weather for most of the week, with a few brief spells of grey skies and some chilly breezes at times, but we were able to spend every day out of doors enjoying the flowers and dramatic scenery of Gargano. During the week we found almost all of the specialities of the area, many of them in perfect condition for photography. Orchids were the main attraction, but we found many other species, such as the Wild Peonies, Irises, Narcissi, Tulips and Anemones, which help make this one of the most flower-rich regions of Europe. Colourful roadside displays of flowers in the lowlands and along the coast gave way to natural rock-gardens of Mediterranean flowers and herbs in the hilly areas. Shady woodlands had their own specialised species, many of them being rare British natives, and we also had the opportunity to look at a very distinctive coastal flora on the salt pans and cliffs at the start and finish of the week. The sunny weather encouraged numerous butterflies onto the wing and we saw Southern Festoons, Cleopatras, Swallowtails, Mallow Skippers, and Green-underside Blues amongst more familiar species like Wall Brown and Small Heath. Bird-watching on the coast was very productive with many wetland species being seen in the salt pan area, whilst in the hills we found Sardinian Warblers, Cirl Buntings, Serins and the occasional Hoopoe. Swifts were common in the towns whilst, on the coast, Alpine Swifts were seen over the cliffs. There were orchids in the hotel grounds, and everywhere we stopped we managed to find plants and butterflies to interest us. We met a few other botanists on our travels, but at most of the sites we had the place to ourselves and were able to appreciate the peace and quiet of this beautiful region of Italy.

## Day 1

Monday 20th April

Weather conditions: a sunny day with a pleasant breeze on the coast.

Our trip began in Bari, where Andrew met the group as they arrived on the mid-day flight from London. Stan and Janette were also in Bari, having spent some time exploring the area before the trip. Luggage was soon collected and Lee obtained the keys for the second minibus. We set off north for Gargano on the autostrada, stopping at a service area for fuel and some lunch.

When we left the autostrada to head for the coast, we had to negotiate a bumpy road which was undergoing some re-surfacing. Driving slowly through the road works gave us some good views of Lesser Kestrel, Marsh Harrier, Corn Bunting and Crested Lark, and colourful verges lined with Giant Fennel (*Ferula communis*), Crown Daisy (*Glebionis coronarium*) and Common Mallow (*Malva sylvestris*). A brief stop to photograph the Giant Fennel was very welcome as this magnificent plant, over 2 metres tall in some cases, was very photogenic. We then stopped at some coastal salt pans to enjoy the sea air and check out the birds we could see feeding there. There was a large flock of Greater Flamingos in a lagoon and amongst them were numerous Little Egrets and some very elegant Slender-billed Gulls, and a single Mediterranean Gull which is not a common species here. On the edge of the salt pans the coastal flora was very interesting with a few plants of Squirting Cucumber (*Echballium elaterium*), and extensive patches of the bright yellow *Lotus creticus*. After enjoying this break by the sea, we continued our journey to Monte Sant'Angelo, which eventually took us up the steep mountain road to our hill-top hotel. On stepping out of the minibus at the hotel door, our first orchid was spotted: the Early Spider Orchid (*Ophrys sphegodes*) growing in the manicured lawn below the hotel sign!

We unloaded and checked in and some of the group took the opportunity to explore the land behind the hotel where more orchids were found, whilst others had a look at the historic castle close by.

## Day 2

Tuesday 21st April

Weather conditions: a sunny day, with a stiff breeze, but warm in the afternoon.

We took the short drive along the road to the Pulsano Monastery for our first day's exploration of the rich habitats of Gargano. What looked like a rather bare, stony hillside revealed about 15 species of orchids after a few minutes of careful searching, and many more colourful Mediterranean species of wild flowers and fragrant herbs. The photographers took the opportunity to record what they found, coping well with the breezy conditions. After about an hour here, the group had seen several species such as the Gargano form of the Early Spider Orchid (*Ophrys sphegodes* subsp *passionis*), the Sawfly Orchid (*Ophrys tentbrediniifera*), the local form of the Late Spider Orchid (*Ophrys fuciflora* subsp *apulica*), Pink Butterfly Orchid, (*Anacamptis papilionacea*), Green-winged Orchid (*Anacamptis morio*), Man Orchid (*Orchis anthropophora*), and several hybrids. The air was scented with honey which came from the curious Spiny Spurge (*Euphorbia spinosa*) and there were Cirl Buntings singing nearby. There were several patches of twitching caterpillars of one of the processionary moths, and a few butterflies struggling in the breeze. We moved further along the road to another stretch of the stony hillside, where additional orchid species included the Milky Orchid (*Neotinea lactea*) and some Lady Orchids (*Orchis purpurea*) in tight bud.

Everyone enjoyed exploring the natural rock gardens filled with colourful flowers, but it was time to move on, so we drove a short way to the monastery at the end of the road and explored the craggy area overlooking the gorge and some of the caves once inhabited by the first hermits to settle here. Lee prepared the first of many splendid lunches of local produce which we enjoyed in the flower-filled grassy area near the monastery. We then followed the long track down into the gorge where a few more species, such as the Bumble-bee Orchid (*Ophrys bombyliflora*), the Yellow Ophrys (*Ophrys lutea* subsp *galilaea*) and the Apulian form of the Late Spider Orchid were found. After this very rewarding first day, we returned to the hotel for a de-briefing and our evening meal.

## Day 3

Wednesday 22nd April

Weather conditions: warm and sunny all day.

Our day's plant-hunting started in the valley below Monte Sant'Angelo, alongside the road to San Giovanni Rotondo. Although the land here is intensively cultivated, it still supports Wild Tulips (*Tulipa sylvestris*) which flower in the young wheat crop, as well as several other interesting species such as Italian Gladiolus (*Gladiolus italica*) and a yellow Star of Bethlehem (*Gagea* sp). Nightingales could be heard singing from the nearby hillside and there were distant calls of Cuckoos, although they could not be spotted. Moving on to the start of the road to the Foresta Umbra, we explored an open area covered with small yellow Irises (*Iris lutescens*), Naked Man Orchids (*Orchis italica*) and Pink Butterfly Orchids. Burnt Orchids (*Neotinea ustulata*) were spotted here and a few Giant Orchids (*Himantoglossum robertianum*) were still in flower, but starting to go over. Along a track to a small farmhouse, there were many good specimens of the Gargano Spider Orchids. A little copse was a good site for the very local *Viola heterophylla* subsp *graeca*, which was found to have several colour forms. The next stop, after a very short drive, was by another small copse where there were many Peonies (*Paeonia mascula*) in tight bud, but after some scrambling through hedges and undergrowth, a few were found with perfect, open flowers.

We drove on through the forest on a road which became a bumpy track, to a quiet picnic site in a large clearing surrounded by ancient, pollarded Hornbeam trees. A search of the surroundings before lunch provided a few more species for the list, including Coralroot Bittercress (*Cardamine bulbifera*), Bird-in-a-bush (*Corydalis solida*) and a few Roman Orchids (*Dactylorhiza romana*). We enjoyed our picnic of fresh local produce in this sunny clearing where there was plenty of bird song, although seeing some of the birds in the high canopy was rather tricky.

After lunch, we walked further on into the forest, to a stony hillside where there were good displays of Irises (*Iris pseudopumila* and *lutescens*), and some very good specimens of the Spectacled Orchid (*Ophrys argolica* subsp *biscutella*). Holly Blue butterflies were the most common species here. Round-leaved Birthwort (*Aristolochia rotundifolia*), with its curious yellow flowers, was seen here amongst other, more colourful, species such as the Yellow Allysum (*Aurinia saxatile*) and the intensely blue Dyer's Alkanet (*Alkanna tinctoria*) which we found at most of the sites we visited. We returned by the same route through the forest, finding more Roman Orchids on the way and then drove back along the forest track, stopping to admire the display of *Narcissus poeticus* on a wooded slope; there were so many that the scent could be detected from the minibus. After reaching Monte Sant'Angelo, some of the group took the opportunity to explore the town, whilst others checked the slopes behind the hotel before evening meal.

## Day 4

Thursday 23rd April

Weather conditions: warm and sunny all day.

We made an earlier start today, calling in at the supermarket on the way for picnic supplies. A travelling greengrocer had parked his van on the road down to the shops so we were able to stock up on fresh fruit and salad supplies as well. Our first stop of the day was on a terraced hillside covered with Olive trees. The views of the hillsides and the coastline below were spectacular from here and the ground flora beneath the Olive trees, despite being regularly cultivated, was very rich. A fine stand of Ploughshare Tongue Orchids (*Serapias vomeracea*) was the first find, and there were several Italian Wall Lizards, emerging to warm themselves up, on the dry stone walls. We drove on around Mattinata to find the road to Monte Sacro. There were signs about road closures, but these apparently did not apply to the route we were taking so we managed to get to the start of the walk to Monte Sacro and spent the morning exploring this very famous botanical site.

This popular spot had attracted a few more botanists, but once on the hillside we had the orchids to ourselves. Some new species were added to the list here, including the Four-spotted (*Orchis quadripunctata*) and Sparse-flowered Orchids (*Orchis pauciflora*), and there were many fine specimens of Man Orchid, Spectacled Ophrys and Dark Ophrys (*Ophrys sphegodes* subsp *atrata*). The diminutive Dense-flowered Orchid (*Neotinea maculata*) was also found here; although it is a rarity and a challenge to find, it is not the most photogenic of the species we see at this site. Southern Festoon Butterflies were found in the usual wooded site on the slopes, giving the photographers some good opportunities to get close-up views. After our picnic, taken in a field which was almost white with Daisies (*Bellis perennis*), we returned along the narrow road to Mattinata, pausing at one site where there were good numbers of some very fine Bertoloni's Bee Orchids (*Ophrys bertolonii*) and a variety of hybrids such as *Ophrys bertoloniformis*.

Our final stop for the day was the ancient site of Monte Saraceno where we followed the track to the pre-Christian burial chambers on the top of the limestone outcrop. A few examples of the melanic form of the Yellow Ophrys (*Ophrys lutea* subsp *melena*) were found along the route, and the group enjoyed the views back to

Monte Sacro and down to the extensive Olive groves surrounding Mattinata. Some of the burial chambers had water in them and were seen to be teeming with Fairy Shrimps (*Chirocephalus diaphanous*). At the end of the outcrop, amongst some ruined buildings, we found White Horehound (*Marrubium vulgare*) and its more colourful Mediterranean cousin *Marrubium alysson*. The large numbers of goats which grazed this headland seemed to have little impact on the flora, as there was plenty of variety there to interest us. After another very full day we returned to the hotel for our evening meal and a chance to go over our finds for the day.

## Day 5

Friday 24th April

Weather conditions: mostly sunny and warm, but with some high cloud.

We planned to start the day with a walk around the town; Monte Sant'Angelo is a World Heritage Site and very popular with tourists, but early mornings are usually quiet so this was the best time to visit some of the old churches and explore the maze of narrow streets. Andrew and Lee positioned the mini-buses at the start and finish of our walk and we then set off to explore the Pilgrim's Path. On the way many more orchids were seen, including a few Lady Orchids with some open flowers and, in the sheltered conditions here, it proved to be a good site for butterflies. Nightingales and Sardinian Warblers were heard on the way down, and there were plenty of signs of the feeding activities of Wild Boar. When everyone had reached the bottom of the path, we retrieved the second minibus and drove west towards the forests on the flanks of Monte Calvo.

We had our lunch at a roadside picnic site and then explored the flower-filled woodlands close by. A passing shepherd seemed keen to talk to us about the orchids, and took some of the group to see some good specimens of Spectacled Orchids, a short way from our picnic site. He enjoyed browsing through the book, pointing out the orchids he recognised from his local patch. Although heavily grazed, the woodland floor had a colourful display of Blue Anemone (*Anemone apennina*), *Narcissus poeticus*, various *Allium* species, Wood Spurge (*Euphorbia amygdaloides*) and a scattering of Roman Orchids. A few Elder-flowered Orchids (*Dactylorhiza sambucina*) were found here and, in a more open area, there were patches of Sparse-flowered Orchids and many more Spectacled Orchids. There were splendid views from here of huge areas of unspoilt habitat, with no sounds apart from cow bells.

We drove further on through the forest to an area of seemingly abandoned homes with large shady gardens where there were hundreds of Roman Orchids and almost as many Common Spotted Orchids (*Dactylorhiza fuchsii*), although these were still mostly in bud. Near the minibus was a single specimen of *Ophrys exaltata* and, close by were some more photogenic Sawfly Orchids and Green-winged Orchids. As we drove back towards Monte Sant'Angelo, we glimpsed patches of Roman Orchids in the fields on either side of the road, and nearing the main road, some of the fields were filled with Yellow Asphodel (*Asphodeline lutea*). At one point a Rabbit dashed across the road, hotly pursued by a Fox – unfortunately only witnessed by those in the front of the lead minibus.

## Day 6

Saturday 25th April

Weather conditions: sunny at first, but cloudy around mid-day; sunny at the coast.

We left Monte Sant'Angelo today and took the road to the Foresta Umbra, making several stops on the way. As we drove higher into the forest, we passed some very large specimens of Tree Heather (*Erica arborea*), and verges covered with Naked Man Orchids (*Orchis italica*) and Green-winged Orchids. We stopped on a little track leading into the forest where there were some excellent specimens of *Ophrys sphegodes* "garganica" and the distinctive

“*picta*” form of *Anacamptis morio*. We also found a single very fine specimen of *Ophrys sphegodes* subsp *litigiosa* (*quadriloba*). We had planned to stop at another site on the route where last year some unusual species had been found, but sadly, there had been some scrub clearance here and the whole area looked to have been taken into cultivation. Instead, we stopped at our usual picnic site near the start of a walk into the forest. As this was a public holiday in Italy, the roads were rather crowded and, unusually for this site, others had found it before us. We followed a trail to the lake, admiring the massive Yew trees growing amongst the Beech, and the lush growth of lichens, mosses and ferns. The ground flora was rather sparse here, but we added a few new species to our list, including the British natives Ramsons (*Allium ursinum*), Spurge Laurel (*Daphne laureola*) and Coralroot Bittercress (*Cardamine bulbifera*). During the picnic, a Giant Centipede decided to join us, much to the alarm of some of the party. However, after some photography it was released with no harm done.

After lunch, we drove down out of the forest for several miles, passing some Fallow Deer behind a fence on the way. We stopped on the roadside to admire the Spring Cyclamens (*Cyclamen repandum*) which were in perfect condition; this site also provided the very fragrant shrub *Daphne sericea*, which we could just reach on a steep bank and enjoy its strong scent. A colourful display of Annual Scorpion Vetch (*Coronilla scorpioides*) attracted numerous butterflies, and Firecrests were heard by some of the party. More British native species were noted here, including Fiddle Dock (*Rumex pulcher*) and Stinking Iris (*Iris foetidissima*).

We continued our descent out of the forest and entered the warmer coastal zone where Olives, Palms and citrus trees replaced the Beeches and Limes. The “fly tip” stop proved to be very rewarding, as always, and much of the accumulated debris from previous years seemed to have been cleared up. It also seems to have been grazed which has helped the flora to remain diverse. Several species of *Serapias* were found here, including some good specimens of Small-flowered Tongue Orchid (*Serapias parviflora*). A magnificent display of the Apulian form of the Late Spider Orchid was the main attraction here, with many fine specimens in perfect condition. A single specimen of *Ophrys bremifera* (a form of *Ophrys scolopax*) was found here and we realised that this was the species that appeared on the front cover of the new **Orchids of Gargano** book.

The final leg of our journey took us to Peschici where we checked in to the Hotel Elisa. The group enjoyed the chance to explore the harbour on a lovely sunny afternoon and check out the local ice cream and coffee shops. Our splendid evening meal of the local seafood was greatly appreciated, as were the views of the harbour from the balconies and the large numbers of Alpine Swifts which were feeding around the headland.

## Day 7

Sunday 26th April

Weather conditions: mostly warm and sunny.

After some of the group had enjoyed pre-breakfast walks around the harbour, we drove west out of Peschici to the first of several stops on our last full day. The viewpoint overlooking the Trabucco gave us views of the coastline in both directions, and we found the endemic Gargano Bellflower (*Campanula garganica*), Sicilian Snapdragon (*Antirrhinum siculum*), Apple of Sodom (*Solanum sodomaeum*) and Hoary Stock (*Matthiola incana*) here. A local vendor tried to tempt us with Carob pods and dried chillies. We drove on to an area of olive groves where there were a few Lady Orchids visible on the roadsides, but with no chance of stopping to view them. At our usual parking place on a hairpin bend, we were able to walk into an Olive grove where dozens of magnificent Lady Orchids (*Orchis purpurea*) were in full bloom, as well as Honeywort (*Cerintho major*) and Yellow-wort (*Blackstonia perfoliata*).

After everyone had taken photographs of the largest orchids we had seen all week, we headed for the west of the Gargano massif and stopped on a stony lane where Purple Mullein (*Verbascum phoenicium*) was flowering amongst the incredibly prickly shrubs of Christ's thorn (*Paliurus spina-christi*). Swallow-wort (*Vincetoxicum hirundinaria*) was flowering here and we added Pyramidal Orchids (*Anacamptis pyramidalis*) to the list. Moving on a few miles, and taking another steep windy road, we came to an abandoned quarry where we found some superb specimens of the Small-patterned Ophrys (*Ophrys parvimaclulata*). Scrambling under a fence, we found some good specimens of the Provence Orchid (*Orchis provincialis*), and many colour variants of the Tongue Orchid (*Serapis lingua*). This proved to be a good butterfly site, with Cleopatras and Large Wall Browns being the most frequent here.

The final stop on our day's exploration was to be the limestone pavement above the Bosco da Spina Pulci, so we took one of the very pot-holed roads up on to the plateau. At this lonely spot, we were able to explore the more open areas, where the Heart-flowered Tongue Orchid (*Serapias cordigera*) is most common. There were plenty of fine specimens in good condition and the whole area was covered in interesting species, such as Spotted Rock-rose (*Tuberaria guttata*) and Small-flowered Catchfly (*Silene gallica*), and there were many more of the orchids which we had been enjoying earlier in the week. A local farmer came along and was rather surprised to find two minibuses in this lonely location. He told us about some picnic tables in another valley but we had trouble explaining to him that we were here for the flowers. We had our final delicious picnic here in these beautiful surroundings and then had to retrace our steps. We soon arrived back at Peschici where there was time for a final walk on the beach and an exploration of the cliffs where we found the large shrub-like Jupiter's Beard (*Anthyllis barba-jovis*) and more of the endemic bellflower. After checking in for our flights on-line and completing the packing, we enjoyed our final evening meal which was another splendid feast of the local seafood.

## Day 8

Monday 27th April

We had to make an early start today to get to Bari airport in time for the mid-day flight back to London so planned on leaving at 7am. An early breakfast was set out for us and we soon loaded up the two minibuses and set off on the road we had taken the previous day to reach the main autostrada to Bari. We had our final views of some of the roadside flora as we wound our way up the steep road to the main route and then saw the Gargano peninsula from the west side as we followed the fast road back to Bari. After a week spent in the hilly terrain of Gargano, it was interesting to see the flat, intensively cultivated, agricultural land as we approached Bari. Once again, the roadsides were lined with Giant Fennel and Crown Daisy and there were occasional views of Marsh Harrier and Kestrels, plus a few Hooded Crows. We arrived at the airport in plenty of time for the flight and here we said our farewells to Stan and Janette who were remaining in Italy whilst the rest of the party returned to Britain.

## 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 [www.facebook.com](http://www.facebook.com) is quick, free and easy. The [Naturetrek Facebook page](#) is now live; do please pay us a visit!

## Species Lists

Plants (\* indicates the species is endemic)

| Scientific name  | Common name  | Location, remarks   |
|--|--|---|
| <b>PTERIDOPHYTES</b>   | <b>FERNS &amp; ALLIES</b>  |   |
| <b>Selaginellaceae</b><br><i>Selaginella denticulata</i>   | <b>Lesser Clubmoss Family</b><br>Mediterranean Clubmoss  | On rocks, Monte Sacro, Bosco di Spina Pulci   |
| <b>Adiantaceae</b><br><i>Adiantum capillus-veneris</i>   | <b>Maidenhair Fern Family</b><br>Maidenhair Fern   | In tombs, Monte Saraceno  |
| <b>Aspleniaceae</b><br><i>Asplenium adiantum-nigrum</i><br><i>Asplenium ceterach</i><br><i>Asplenium trichomanes</i><br><i>Phyllitis scolopendrium</i> | <b>Spleenwort family</b><br>Black Spleenwort<br>Rustyback<br>Maidenhair Spleenwort<br>Hart's-tongue Fern | On rocks and walls, shady sites, widespread.<br>On sunny rocks and walls, frequent.<br>On rocks and walls, shady sites, common.<br>Shaded sites, woodlands. |
| <b>Cystopteridaceae</b><br><i>Cystopteris fragilis</i>   | <b>Bladder-fern Family</b><br>Brittle Bladder-fern   | Foresta Umbra, on roadside rocks  |
| <b>Dennstaedtiaceae</b><br><i>Pteridium aquilinum</i>  | <b>Bracken Family</b><br>Bracken   | roadsides near Monte Sacro, Foresta Umbra   |
| <b>Dryopteridaceae</b><br><i>Dryopteris dilatata</i><br><i>Polystichum setiferum</i>   | <b>Buckler-fern Family</b><br>Broad Buckler-fern<br>Soft-shield Fern                                     | Foresta Umbra<br>Cyclamen site, in deep gully   |
| <b>PINOPSIDA (GYMNOSPERMS)</b>   | <b>CONIFERS</b>  |   |
| <b>Cupressaceae</b><br><i>Cupressus sempervirens</i><br><i>Juniperus oxycedrus</i><br><i>Juniperus phoenicea</i>                                       | <b>Juniper Family</b><br>Italian Cypress<br>Prickly Juniper<br>Phoenicean Juniper                        | Widespread, gardens, roadsides.<br>Open, stony hillsides, common.<br>Peschici, on roadsides   |
| <b>Pinaceae</b><br><i>Pinus halepensis</i><br><i>Pinus pinaster</i><br><i>Pinus pinea</i>  | <b>Pine Family</b><br>Aleppo Pine<br>Maritime Pine<br>Stone or Umbrella Pine                             | Monte Saraceno<br>Widespread<br>Planted along roadsides, lowland areas.   |
| <b>Taxaceae</b><br><i>Taxus baccata</i>  | <b>Yew Family</b><br>Yew   | Bosco Quarto, Foresta Umbra, some very large  |
| <b>MAGNOLIOPSIDA (ANGIOSPERMS)</b>   | <b>FLOWERING PLANTS</b>  |   |
| <b>Magnoliidae (Dicotyledons)</b>  |  |   |
| <b>Acanthaceae</b><br><i>Acanthus mollis</i>   | <b>Bear's-breech Family</b><br>Bear's-breech   | Leaves only, Monte Saraceno area  |
| <b>Aceraceae</b><br><i>Acer campestre</i>  | <b>Maple Family</b><br>Field Maple   | Widespread, woodlands.  |



| Scientific name                  | Common name              | Location, remarks                                  |
|----------------------------------|--------------------------|--|
| <i>Acer platanoides</i>          | Norway Maple             | Monte Sant'Angelo                                  |
| <i>Acer pseudoplatanus</i>       | Sycamore                 | Widespread, woodlands.                             |
| <i>Acer obtusatum</i>            | Bosnian Maple            | Monte Sacro  |
| <i>Acer opalus</i>               | Italian Maple            | Monte Sant'Angelo                                  |
| <b>Aizoaceae</b>                 | <b>Dew-plant Family</b>  |  |
| <i>Carpobrotus acinaciformis</i> | Sally-my-handsome        | Peschici, on walls, flowering freely               |
| <b>Anacardiaceae</b>             | <b>Sumach Family</b>     |  |
| <i>Cotinus coggygria</i>         | Smoke Tree               | nr Peschici  |
| <i>Pistacia lentiscus</i>        | Mastic Tree              | Widespread in open, stony sites, hillsides         |
| <i>Pistacia terebinthus</i>      | Turpentine Tree          | Pulsano Gorge, Bosco di Spina Pulci                |
| <b>Apiaceae</b>                  | <b>Carrot Family</b>     |  |
| <i>Conium maculatum</i>          | Hemlock                  | Roadsides, lay-bys.                                |
| <i>Daucus carota</i>             | Wild Carrot              | Roadsides, lay-bys.                                |
| <i>Eryngium campestre</i>        | Field Eryngo             | Leaves only, open ground, stony hillsides          |
| <i>Ferrula communis</i>          | Giant Fennel             | Widespread along roadsides, mostly coastal         |
| <i>Laserpitium latifolium</i>    | Broad-leaved Sermountain | Leaves only, Pilgrim's Path                        |
| <i>Orlaya grandiflora</i>        | Orlaya                   | Widespread in open, stony areas                    |
| <i>Petroselinum crispum</i>      | Parsley                  | Monte Saraceno                                     |
| <i>Sanicula europaea</i>         | Sanicle                  | Foresta Umbra                                      |
| <i>Scandix pecten-veneris</i>    | Shepherd's Needles       | Widespread, field margins, stony areas.            |
| <i>Seseli montanum</i>           | A Seseli                 | Pulsano Monastery                                  |
| <i>Smyrniium perfoliatum</i>     | Perfoliate Alexanders    | Monte Sacro, Pulsano, nr Pechici                   |
| <i>Smyrniium rotundifolium</i>   | Round-leaved Alexanders  | Bosco di Spina Pulci                               |
| <i>Thapsia garganica</i>         | Thapsia                  | leaves only, open stony areas                      |
| <i>Tordylium apulum</i>          | Tordylium                | Olive grove nr Mattinata (False-tooth plant!)      |
| <i>Torilis arvensis</i>          | Spreading Hedge Parsley  | Roadsides, lay-bys.                                |
| <b>Apocynaceae</b>               | <b>Periwinkle Family</b> |  |
| <i>Nerium oleander</i>           | Oleander                 | Pulsano Monastery, planted, mostly in bud          |
| <i>Vinca major</i>               | Periwinkle               | roadsides below Monte Calvo                        |
| <b>Aquifoliaceae</b>             | <b>Holly Family</b>      |  |
| <i>Ilex aquifolium</i>           | Holly                    | Common in woodlands, esp Bosco Quarto              |
| <b>Araliaceae</b>                | <b>Ivy Family</b>        |  |
| <i>Hedera helix</i>              | Ivy                      | Widespread   |
| <b>Aristolochiaceae</b>          | <b>Birthwort Family</b>  |  |
| <i>Aristolochia rotunda</i>      | A Birthwort              | Bosca da Spina Pulci, Bosco Quarto                 |
| <i>Aristolochia pallida</i>      | A Birthwort              | below Monte Calvo                                  |
| <b>Asclepiadaceae</b>            | <b>Milkweed Family</b>   |  |
| <i>Vincetoxicum hirundinaria</i> | Swallow-wort             | One plant flowering well on roadside, Mullein stop |
| <b>Asteraceae</b>                | <b>Daisy Family</b>      |  |
| <i>Achillea millefolium</i>      | Yarrow                   | Leaves only  |
| <i>Andryala integrifolia</i>     | Andryala                 | Leaves and tight buds only, widespread             |
| <i>Artemisia absinthium</i>      | Wormwood                 | Roadside stop                                      |
| <i>Bellis perennis</i>           | Daisy                    | Widespread in grassy areas and fields              |

| Scientific name                             | Common name                    | Location, remarks                             |
|---|--------------------------------|---|
| <i>Bellis sylvestris</i>                    | Southern Daisy                 | Widespread in woodlands and hillsides         |
| <i>Calendula arvensis</i>                   | Field Marigold                 | Abundant on roadsides, field margins          |
| <i>Carduus chrysacanthus</i>                | Apennine Thistle               | Leaves only                                   |
| <i>Centaurea diomedeae</i>                  | A fine-leaved Knapweed         | Monte Saraceno                                |
| <i>Centaurea jacea</i>                      | Brown Knapweed                 | Monte Saraceno                                |
| <i>Cirsium eriophorum</i>                   | Woolly Thistle                 | Leaves only                                   |
| <i>Crepis rubra</i>                         | Pink Hawksbeard                | Widespread in sunny sites, roadsides          |
| <i>Crupina crupinastrum</i>                 | Crupina                        | Leaves and buds only                          |
| <i>Dittrichia viscosa</i>                   | Stink Aster                    | coastal roadside stops, non-flowering         |
| <i>Doronicum columnae</i>                   | Heart-leaved Leopard's-bane    | Woodlands and shady banks                     |
| <i>Evax pygmaea</i>                         | Evax                           | Common on open stony sites                    |
| <i>Galactites tomentosa</i>                 | Galactites                     | A few in flower, mostly in bud, stony sites   |
| <i>Glebionis (Chrysanthemum) coronarium</i> | Crown Daisy                    | Abundant on roadsides, field margins, coastal |
| <i>Glebionis (Chrysanthemum) segetum</i>    | Corn Marigold                  | Local in some cultivated fields               |
| <i>Helichrysum stoechas</i>                 | Curry Plant                    | Pulsano Gorge, mostly in bud                  |
| <i>Hyoseris radiata</i>                     | a 'dandelion'                  | Widespread in grassy areas and fields         |
| <i>Inula verbascifolia</i> *                | a 'Ploughman's Spikenard' type | Monte Saraceno (in leaf)                      |
| <i>Jurinea mollis</i>                       | a 'soft' Thistle               | Leaves and buds only                          |
| <i>Matricaria recutita</i>                  | Scented Mayweed                | Mullein stop area                             |
| <i>Pallenis spinosa</i>                     | Pallenis                       | Mullein stop, buds just opening               |
| <i>Phagnalon rupestre</i>                   | Phagnalon                      | Pulsano Gorge                                 |
| <i>Ptilostemon gnaphaloides</i>             | a Ptilostemon                  | Pulsano Gorge                                 |
| <i>Reichardia tingitana</i>                 | -                              | Roadside stop                                 |
| <i>Rhagadolius stellatus</i>                | Star Hawkbit                   | Pulsano Gorge                                 |
| <i>Scorzonera laciniata</i>                 | Cut-leaved Viper's-grass       | Mullein stop                                  |
| <i>Scorzonera villosa</i>                   | Hairy Viper's Grass            | bosco di spina pulci                          |
| <i>Senecio gallicus</i>                     | -                              | Monte Sacro area                              |
| <i>Senecio vulgaris</i>                     | Groundsel                      | Tulip fields                                  |
| <i>Silybum marianum</i>                     | Milk Thistle                   | Widespread, roadsides, Pulsano Monastery      |
| <i>Sonchus asper</i>                        | Prickly Sow-thistle            | Tulip fields                                  |
| <i>Taraxacum agg.</i>                       | a Dandelion                    | Roadsides and labys                           |
| <i>Tragopogon porrifolius</i>               | Salsify                        | Mullein stop and other roadsides              |
| <i>Tragopogon sinuatus</i>                  | -                              | not in flower, identified by leaf form        |
| <i>Tripleurospermum inodorum</i>            | Scentless Mayweed              | Roadsides and lay-bys, common                 |
| <i>Tussilago farfara</i>                    | Colt's-foot                    | Leaves only near Quarry stop                  |
| <i>Urospermum dalechampii</i>               | Urospermum                     | Pulsano area, olive grove stop                |
| <i>Urospermum picroides</i>                 | -                              | Orchid stop near Bosco Quarto                 |
| <b>Betulaceae</b>                           | <b>Birch Family</b>            |   |
| <i>Betula pendula</i>                       | Silver Birch                   | Monte Sant'Angelo - Pilgrim's Path            |
| <i>Corylus avellana</i>                     | Hazel                          | Forest Umbra                                  |
| <i>Carpinus orientalis</i>                  | Eastern Hornbeam               | Monte Calvo, Pulsano road                     |
| <i>Ostrya carpinifolia</i>                  | Hop Hornbeam                   | Bosco Quarto                                  |
| <b>Boraginaceae</b>                         | <b>Forget-me-not Family</b>    |   |
| <i>Alkanna tinctoria (lehmanii)</i>         | Dyer's Alkanet                 | abundant on slopes below Monte Sant'Angelo    |
| <i>Anchusa caerulea</i>                     | -                              | Pulsano area                                  |
| <i>Anchusa cretica</i>                      | -                              | Bosco di Spina Pulci, Bosco Quarto            |
| <i>Anchusa azurea (italica)</i>             | Large Blue Alkanet             | nr Fly-tip stop                               |
| <i>Borago officinalis</i>                   | Borage                         | Pulsano area, Mont Sant'Angelo                |
| <i>Buglossoides (Lithospermum) arvense</i>  | Corn Gromwell                  | Tulip fields                                  |

| Scientific name                                | Common name               | Location, remarks                          |
|--|---------------------------|--|
| <i>Buglossoides (L.) purpureocaerulea</i>      | Purple Gromwell           | Pulsano area                               |
| <i>Cerintho major</i>                          | Honeywort                 | Olive groves nr Peschici, Mullein stop     |
| <i>Cynoglossum creticum</i>                    | Cretan Hound's-tongue     | Orchid stop nr Bosco Quarto                |
| <i>Echium italicum</i>                         | Pale Bugloss              | Roadside stop                              |
| <i>Echium platagineum</i>                      | Purple Viper's Bugloss    | Widespread on coastal sandy areas          |
| <i>Myosotis arvensis</i>                       | Field Forget-me-not       | Tulip fields and other grassy areas        |
| <i>Myosotis discolor</i>                       | Changing Forget-me-not    | Pulsano area                               |
| <i>Myosotis ramosissima</i>                    | Early Forget-me-not       | Pilgrim's Path                             |
| <i>Myosotis sylvatica</i>                      | Wood Forget-me-not        | Bosco Quarto, Foresta Umbra                |
| <i>Pulmonaria montana</i>                      | Mountain Lungwort         | Bosco Quarto, Foresta Umbra                |
| <i>Pulmonaria officinalis</i>                  | Common Lungwort           | Bosco Quarto                               |
| <b>Brassicaceae</b>                            | <b>Cabbage Family</b>     |  |
| <i>Aethionema saxatile</i>                     | Burnt Candytuft           | Bosco Quarto iris slopes                   |
| <i>Alliaria petiolata</i>                      | Garlic Mustard            | roadsides and lay-bys, Cyclamen stop       |
| <i>Aurinia (Alyssum) saxatile</i>              | Yellow Alyssum            | widespread in open, sunny areas            |
| <i>Aurinia (Alyssoides) sinuata</i>            | Alyssoides                | walls of Pulsano monastery                 |
| <i>Arabis caucasica</i>                        | Garden Rockcress          | abundant on cliffs below Monte Sant'Angelo |
| <i>Arabis hirsuta</i>                          | Hairy Rockcress           | Pilgrim's Path                             |
| <i>Arabis turrita</i>                          | Tower Mustard             | roadsides                                  |
| <i>Arabis verna</i>                            | Spring Rockcress          | Pilgrim's Path and Monte Sacro             |
| <i>Aubrieta columnae</i> subsp. <i>italica</i> | an Aubrieta               | Monte Sant'Angelo and Pilgrim's Path       |
| <i>Biscutella didyma</i>                       | Biscutella                | widespread                                 |
| <i>Bunias erucago</i>                          | Bunias/Warty Cabbage      | nr Tulip fields                            |
| <i>Cakile maritima</i>                         | Sea Rocket                | coastal sands nr Zapponeta                 |
| <i>Capsella bursa-pastoris</i>                 | Shepherd's Purse          | Tulip fields                               |
| <i>Cardamine bulbifera</i>                     | Coralroot Bittercress     | Bosco Quarto and Foresta Umbra             |
| <i>Cardamine plumieri</i>                      | Ivy-leaved Bittercress    | Bosco Quarto and Foresta Umbra             |
| <i>Cheiranthus cheiri</i>                      | Wallflower                | Pulsano Monastery                          |
| <i>Descurainia sophia</i>                      | Flixweed                  | roadsides and lay-bys                      |
| <i>Diplotaxis</i> sp.                          | A Wall-rocket             | Pulsano Monastery                          |
| <i>Eruca sativa</i>                            | Wild Rocket               | Pulsano area                               |
| <i>Fourraea alpina</i>                         | a small rock cress        | Bosco Quarto iris slopes                   |
| <i>Hirschfeldia incana</i>                     | Hoary Mustard             | common on roadsides and field margins      |
| <i>Isatis tinctoria</i>                        | Woad                      | widespread on roadsides                    |
| <i>Lepidium (Cardaria) draba</i>               | Hoary Cress               | nr Peschici                                |
| <i>Lepidium latifolium</i>                     | Dittander                 | nr Peschici                                |
| <i>Lobularia maritima</i>                      | Sweet Alison              | Pulsano area                               |
| <i>Matthiola incana</i>                        | Hoary Stock               | Peschici cliffs and Zapponeta              |
| <i>Raphanes raphanistrum</i>                   | Wild Radish               | nr Mullein stop                            |
| <i>Sinapis alba</i>                            | Charlock                  | Fields and cultivated areas                |
| <i>Sinapis arvensis</i>                        | White Mustard             | Roadsides                                  |
| <i>Sisymbrium officinale</i>                   | Hedge Mustard             | Roadsides                                  |
| <i>Thlaspi praecox</i>                         | A Penny-cress             | Tulip fields                               |
| <b>Cactaceae</b>                               | <b>Cactus Family</b>      |  |
| <i>Opuntia ficus-indica</i>                    | Prickly Pear              | around Mattinata                           |
| <b>Campanulaceae</b>                           | <b>Bellflower Family</b>  |  |
| <i>Campanula garganica</i> *                   | a Bellflower (endemic)    | Peschici                                   |
| <b>Caprifoliaceae</b>                          | <b>Honeysuckle Family</b> |  |
| <i>Lonicera etrusca</i>                        | Etruscan Honeysuckle      | nr Mullein stop                            |

| Scientific name   | Common name              | Location, remarks                    |
|---|--------------------------|--------------------------------------|
| <i>Lonicera periclymenum</i>                                | Honeysuckle              | Foresta Umbra                        |
| <i>Sambucus ebulus</i>                                      | Dwarf Elder or Danewort  | nr Peony stop, in bud                |
| <i>Sambucus nigra</i>                                       | Elder                    | woodland margins                     |
| <i>Viburnum opulus</i>                                      | Wayfaring Tree           | nr Monte Calvo                       |
| <i>Viburnum tinus</i>                                       | Laurustinus              | Peschici                             |
| <b>Caryophyllaceae</b>                                      | <b>Pink Family</b>       |                                      |
| <i>Arenaria serpyllifolia</i>                               | Thyme-leaved Sandwort    | tulip fields                         |
| <i>Cerastium fontanum</i>                                   | Common Mouse-ear         | quarry stop                          |
| <i>Cerastium glomeratum</i>                                 | Sticky Mouse-ear         | Monte Saraceno                       |
| <i>Herniaria (cinerea)</i>                                  | Rupturewort              | Monte Sacro area                     |
| <i>Minuartia serpyllifolia</i>                              | A Sandwort               | Monte Saraceno                       |
| <i>Silene colorata</i>                                      | a catchfly               | widespread - open sunny areas        |
| <i>Silene conoidea</i>                                      | -                        | Monte Saraceno                       |
| <i>Silene conica</i>  | Sand Catchfly            | coastal sands nr Zapponeta           |
| <i>Silene gallica</i>                                       | Small-flowered Catchfly  | Tulip fields                         |
| <i>Silene italica</i>                                       | Italian Catchfly         | Monte Saraceno                       |
| <i>Silene latifolia</i>                                     | White Campion            | roadside stop                        |
| <i>Silene vulgaris</i>                                      | Bladder Campion          | Peschici                             |
| <i>Spergularia rubra</i>                                    | Sand Spurrey             | coastal sands nr Zapponeta           |
| <i>Stellaria media</i>                                      | Common Chickweed         | Bosco Quarto                         |
| <i>Stellaria nemorum</i>                                    | Wood Stitchwort          | Bosco Quarto                         |
| <b>Celastraceae</b>   | <b>Spindle Family</b>    |                                      |
| <i>Euonymus europaeus</i>                                   | Spindle                  | Pulsano Gorge                        |
| <b>Chenopodiaceae</b>                                       | <b>Goosefoot Family</b>  |                                      |
| <i>Chenopodium album</i>                                    | Fat Hen                  | Pulsano monastery                    |
| <i>Salicornia sp</i>  | Glasswort                | salt pans on coast                   |
| <i>Sueda (vera)</i>   | Shrubby Seablite         | salt pans on coast                   |
| <b>Cistaceae</b>  | <b>Rock-rose Family</b>  |                                      |
| <i>Cistus creticus</i>                                      | Pink Cistus              | roadsides, nr Mattinata and Peschici |
| <i>Cistus monspeliensis</i>                                 | Narrow-leaved Cistus     | Monte Saraceno                       |
| <i>Cistus salvifolius</i>                                   | Sage-leaved Cistus       | Monte Saraceno, Peschici             |
| <i>Helianthemum apenninum</i>                               | White Rockrose           | Monte Sacro                          |
| <i>Helianthemum oelandicum</i><br>subsp. <i>incanum</i>     | Hoary Rockrose           | Pulsano area, Monte Sacro            |
| <i>Helianthemum nummularium</i>                             | Rockrose                 | widespread                           |
| <i>Helianthemum salicifolium</i>                            | Willow-leaved Rockrose   | Monte Sant'Angelo                    |
| <i>Tuberaria guttata</i>                                    | Spotted Rockrose         | Bosco da Spina Pulci                 |
| <b>Convolvulaceae</b>                                       | <b>Bindweed Family</b>   |                                      |
| <i>Calystegia sepium</i>                                    | Hedge Bindweed           | nr Tulip fields                      |
| <i>Convolvulus althaeoides</i>                              | Mallow-leaved Bindweed   | Roadsides and open, sunny areas      |
| <i>Convolvulus althaeoides</i><br>subsp. <i>tenuissimus</i> | a Mallow-leaved Bindweed | Roadside nr Mattinata                |
| <b>Cornaceae</b>  | <b>Dogwood Family</b>    |                                      |
| <i>Cornus sanguinea</i>                                     | Dogwood                  | nr Peschici                          |
| <b>Crassulaceae</b>   | <b>Stonecrop Family</b>  |                                      |
| <i>Sedum acre</i>   | Biting Stonecrop         | Pulsano Gorge, buds only             |
| <i>Sedum rubens</i>   | Reddish Stonecrop        | nr Monte Sacro                       |

| Scientific name  | Common name                       | Location, remarks                            |
|--|-----------------------------------|--|
| <i>Sedum sediforme</i>                                   | -                                 | Pulsano Monastery                            |
| <i>Sedum stellatum</i>                                   | Starry Stonecrop                  | nr Monte Sacro                               |
| <i>Umbilicus rupestris</i>                               | Wall Pennywort                    | Foresta Umbra, Bosco Quarto, Pulsano         |
| <b>Cucurbitaceae</b>                                     | <b>Cucumber family</b>            |  |
| <i>Ecballium elaterium</i>                               | Squirting Cucumber                | nr Zapponeta, coastal sands                  |
| <i>Bryonia dioica</i>                                    | White Bryony                      | Pulsano                                      |
| <b>Dipsacaceae</b>                                       | <b>Teasel Family</b>              |  |
| <i>Dipsacus fullonum</i>                                 | Wild Teasel                       | Leaves only                                  |
| <i>Lomelosia crenata</i> subsp<br><i>dalleportae</i> *   | An endemic Scabious               | Pulsano Gorge                                |
| <i>Scabiosa ochroleuca</i>                               | Yellow Scabious                   | Pulsano Gorge                                |
| <i>Scabiosa sp.</i>                                      | A Scabious                        | roadside nr Monte Sacro                      |
| <b>Ericaceae</b>   | <b>Heather Family</b>             |  |
| <i>Erica arborea</i>                                     | Tree Heather                      | Approach to Foresta Umbra, on roadside rocks |
| <b>Euphorbiaceae</b>                                     | <b>Spurge Family</b>              |  |
| <i>Euphorbia amygdaloides</i>                            | Wood Spurge                       | Foresta Umbra, Bosco Quarto                  |
| <i>Euphorbia biumbellata</i>                             | Whorled Spurge                    | Monte Sacro                                  |
| <i>Euphorbia characias</i><br>subsp. <i>characias</i>    | Mediterranean Spurge              | Open, stony areas                            |
| <i>Euphorbia helioscopia</i>                             | Sun Spurge                        | Widespread in open, sunny areas              |
| <i>Euphorbia myrsinites</i>                              | Broad-leaved Glaucous Spurge      | Monte Sacro                                  |
| <i>Euphorbia nicaeensis</i>                              | -                                 | ?  |
| <i>Euphorbia peplus</i>                                  | Petty Spurge                      | roadsides and sands near coast               |
| <i>Euphorbia segetalis</i>                               | -                                 | nr Monte Sacro                               |
| <i>Euphorbia spinosa</i>                                 | a 'hedgehog' plant (Spiny Spurge) | widespread in open, sunny areas              |
| <i>Mercurialis annua</i>                                 | Annual Mercury                    | Pulsano Gorge                                |
| <i>Mercurialis perennis</i>                              | Dog's Mercury                     | Foresta Umbra                                |
| <b>Fabaceae</b>  | <b>Pea Family</b>                 |  |
| <i>Anagyris foetida</i>                                  | Bean Trefoil                      | Mullein stop, Quarry stop, not flowering     |
| <i>Anthyllis barba-jovis</i>                             | Jupiter's Beard                   | Cliffs at Peschici                           |
| <i>Anthyllis tetraphylla</i>                             | Bladder Vetch                     | nr Fly-tip stop                              |
| <i>Anthyllis vulneraria agg</i>                          | Kidney Vetch                      | scattered in open sunny areas                |
| <i>Anthyllis vulneraria</i> subsp.<br><i>praepropera</i> | Mediterranean Kidney Vetch (Pink) | widespread in open sunny areas               |
| <i>Astragalus echinatus</i>                              | a Milk Vetch                      | nr Monte Sant'Angelo                         |
| <i>Astragalus hamosus</i>                                | a Milk Vetch                      | Monte Sacro area                             |
| <i>Astragalus monspessulanus</i>                         | False Vetch                       | Pulsano area                                 |
| <i>Bituminaria (Psoralea) bituminosa</i>                 | Pitch Trefoil                     | Bosco di Spina Pulci                         |
| <i>Calycotome infesta</i>                                | Spiny Broom                       | scattered sites                              |
| <i>Ceratonia siliqua</i>                                 | Carob                             | Monte Saraceno                               |
| <i>Cercis siliquastrum</i>                               | Judas Tree                        | Pulsano monastery                            |
| <i>Coronilla scorpioides</i>                             | Annual Scorpion Vetch             | scattered sites, roadsides                   |
| <i>Cytisus decumbens</i>                                 | Prostrate Broom                   | Widespread round Monte Sant'Angelo           |
| <i>Cytisus spinescens</i>                                | a Hairy Broom                     | Pulsano Gorge                                |
| <i>Dorycnium hirsutum</i>                                | Dorycnium                         | Monte Sacro area                             |
| <i>Hedysarum coronarium</i>                              |                                   | roadside stop                                |
| <i>Hippocrepis comosa</i>                                | Horseshoe Vetch                   | Peschici - cliff-top site                    |

| Scientific name                                   | Common name                  | Location, remarks                 |
|---|------------------------------|-----------------------------------|
| <i>Hippocrepis emerus</i> subsp. <i>emeroides</i> | False Senna                  | Cyclamen stop - on steep bank     |
| <i>Hippocrepis glauca</i>                         | a Horseshoe Vetch            | open sunny areas - scattered      |
| <i>Hippocrepis unisiliquosa</i>                   | -                            | Monte Saraceno                    |
| <i>Lathyrus aphaca</i>                            | Yellow Vetchling             | widespread in open sunny areas    |
| <i>Lathyrus cicera</i>                            | a red Vetchling              | common in open, grassy areas      |
| <i>Lathyrus clymenum</i>                          |                              | roadsides near Peony stop         |
| <i>Lathyrus hybridus</i>                          | Hairy Yellow Vetch           | Monte Sant'Angelo nr hotel        |
| <i>Lathyrus ochrus</i>                            | -                            | Fly-tip stop, Mullein stop        |
| <i>Lathyrus setifolius</i>                        | Red Grass Vetchling          | roadside stop nr Peschici         |
| <i>Lathyrus vernus</i>                            | Spring Pea                   | nr Monte Calvo                    |
| <i>Lathyrus venetus</i>                           |                              | roadsides                         |
| <i>Lotus corniculatus</i>                         | Bird's-foot Trefoil          | roadsides, open areas             |
| <i>Lotus creticus</i>                             | Southern Bird's-foot Trefoil | coastal roadside stop             |
| <i>Lotus cytisoides</i>                           | a Trefoil                    | Monte Sacro roadside              |
| <i>Lotus edulis</i>                               | Edible Lotus                 | coastal roadside stop             |
| <i>Lotus halophilus</i>                           | Sea Bird's-foot Trefoil      | Rocks at Peschici                 |
| <i>Lupinus micranthus</i>                         | Hairy Lupin                  | Bosco di Spina Pulci              |
| <i>Medicago arabica</i>                           | Spotted Medick               | roadsides, field margins          |
| <i>Medicago littoralis</i>                        | Sea Medick                   | coastal sands nr Zaponeta         |
| <i>Medicago orbicularis</i>                       | Large Disk Medick            | nr Monte Saraceno                 |
| <i>Medicago polymorpha</i>                        | Toothed Medick               | nr Mullein stop                   |
| <i>Medicago rigidula</i>                          | -                            | Pilgrim's Path                    |
| <i>Melilotus indicus</i>                          | Small Mellilot               | roadsides and lay-bys             |
| <i>Onobrychis alba</i>                            | a Sainfoin                   | Near Monte Sant'Angelo            |
| <i>Onobrychis aquidentata</i>                     | a Sainfoin                   | Iris slopes                       |
| <i>Onobrychis caput-galli</i>                     | Cock's-comb Sainfoin         | nr Mullein stop                   |
| <i>Onobrychis crista-galli</i>                    | -                            | Bosco di Spina Pulci              |
| <i>Pisum sativum</i>                              | a Pea                        | nr Peony stop                     |
| <i>Robinia pseudacacia</i>                        | False Acacia                 | Roadsides, town gardens           |
| <i>Scorpiurus muricatus</i>                       | Scorpiurus                   | stony track nr Pulsano monastery  |
| <i>Securigera (Coronilla) varia</i>               | Crown Vetch                  | Pulsano Gorge                     |
| <i>Spartium junceum</i>                           | Spanish Broom                | hillsides near coast at Peschici  |
| <i>Tetragonolobus purpureus</i>                   | Winged/Asparagus Pea         | common in open, grassy areas      |
| <i>Trifolium angustifolium</i>                    | Narrow-leaved Clover         | roadsides                         |
| <i>Trifolium campestre</i>                        | Hop Trefoil                  | common in stony areas             |
| <i>Trifolium dubium</i>                           | Lesser Trefoil               | grassy areas                      |
| <i>Trifolium incarnatum</i>                       | Crimson Clover               | roadsides near coast              |
| <i>Trifolium medium</i>                           | Zigzag Clover                | Monte Sant'Angelo nr hotel        |
| <i>Trifolium pratense</i>                         | Red Clover                   | field margins                     |
| <i>Trifolium repens</i>                           | White Clover                 | field margins                     |
| <i>Trifolium resupinatum</i>                      | Reversed Clover              | roadside nr Bosco Quarto          |
| <i>Trifolium stellatum</i>                        | Star Clover                  | widespread in open sunny areas    |
| <i>Trifolium subterraneum</i>                     | Burrowing Clover             | Iris slopes                       |
| <i>Trifolium tomentosum</i>                       | Woolly Trefoil               | Monte Sant'Angelo nr hotel        |
| <i>Vicia barbazitae</i>                           | a small vetch                | Bosco Quarto                      |
| <i>Vicia benghalensis</i>                         | Benghal Vetch                | roadside stop                     |
| <i>Vicia bithynica</i>                            | Bithynian Vetch              | Pilgrim's Path                    |
| <i>Vicia cracca</i>                               | Tufted Vetch                 | grassy areas, nr Peschici         |
| <i>Vicia hirsuta</i>                              | Hairy Tare                   | field margins                     |
| <i>Vicia lutea</i>                                | Yellow Vetch                 | grassy roadside areas and lay-bys |
| <i>Vicia melanops</i>                             | Black Vetch                  | Pilgrim's Path                    |
| <i>Vicia narbonensis</i>                          | -                            | field margins, Bosco Quarto       |

| Scientific name               | Common name                        | Location, remarks                              |
|-------------------------------|------------------------------------|--|
| <i>Vicia peregrina</i>        | Wandering Vetch (two-tone flowers) | Viola stop nr Bosco Quarto                     |
| <i>Vicia sativa agg</i>       | Common Vetch                       | roadsides, field margins                       |
| <i>Vicia villosa</i>          | Fodder Vetch                       | Fly-tip stop                                   |
| <b>Fagaceae</b>               | <b>Beech Family</b>                |  |
| <i>Castanea sativa</i>        | Sweet Chestnut                     | Foresta Umbra                                  |
| <i>Fagus sylvatica</i>        | Beech                              | Foresta Umbra                                  |
| <i>Quercus cerris</i>         | Turkey Oak                         | Widespread                                     |
| <i>Quercus coccifera</i>      | Spanish Oak                        | Monte Sacro                                    |
| <i>Quercus ilex</i>           | Holm Oak                           | widespread                                     |
| <i>Quercus pubescens</i>      | Downy Oak                          | Bosco di Spina Pulci                           |
| <b>Fumariaceae</b>            | <b>Fumitory Family</b>             |  |
| <i>Corydalis solida</i>       | Bird-in-a-bush                     | Bosco Quarto                                   |
| <i>Fumaria capreolata</i>     | Tall Ramping Fumitory              | roadside stops                                 |
| <i>Fumaria muralis</i>        | Common Ramping Fumitory            | widespread                                     |
| <i>Fumaria officinalis</i>    | Common Fumitory                    | widespread                                     |
| <b>Gentianaceae</b>           | <b>Gentian Family</b>              |  |
| <i>Blackstonia perfoliata</i> | Yellow-wort                        | Olive groves nr Peschici                       |
| <b>Geraniaceae</b>            | <b>Crane's-bill Family</b>         |  |
| <i>Erodium ciconium</i>       | a Stork's-bill                     | Field margins, stony slopes                    |
| <i>Erodium cicutarium</i>     | Common Stork's-bill                | tracks and paths, widespread                   |
| <i>Erodium malacoides</i>     | Mallow-leaved Stork's-bill         | nr Mullein stop                                |
| <i>Geranium columbinum</i>    | Long-stalked Crane's-bill          | Mullein stop                                   |
| <i>Geranium dissectum</i>     | Cut-leaved Crane's-bill            | Monte Sant'Angelo                              |
| <i>Geranium lucidum</i>       | Shining Crane's-bill               | Monte Sant'Angelo                              |
| <i>Geranium molle</i>         | Dove's-foot Crane's-bill           | widespread                                     |
| <i>Geranium purpureum</i>     | Little Robin                       | Monte Sacro                                    |
| <i>Geranium robertianum</i>   | Herb Robert                        | widespread                                     |
| <i>Geranium rotundifolium</i> | Round-leaved Stork's-bill          | widespread                                     |
| <i>Geranium sanguineum</i>    | Bloody Crane's-bill                | Quarry stop                                    |
| <b>Hypericaceae</b>           | <b>St. John's-wort Family</b>      |  |
| <i>Hypericum perforatum</i>   | Perforate St. John's-wort          | Mullein stop                                   |
| <b>Lamiaceae</b>              | <b>Deadnettle Family</b>           |  |
| <i>Acinos alpinus</i>         | Alpine Basil Thyme                 | Pilgrim's Path                                 |
| <i>Ajuga chamaepitys</i>      | Ground Pine                        | Pulsano Monastery, orchid site nr Bosco Quarto |
| <i>Ajuga genevensis</i>       | Blue Bugle                         | Foresta Umbra                                  |
| <i>Clinopodium acinos</i>     | Basil-thyme                        | various orchid sites                           |
| <i>Lamium bifidum</i>         | Bifid Dead-nettle                  | Pilgrim's Path                                 |
| <i>Lamium garganicum</i>      | Large Red Dead-nettle              | Monte Sant'Angelo                              |
| <i>Lamium maculatum</i>       | Spotted Dead-nettle                | Pilgrim's Path                                 |
| <i>Marrubium vulgare</i>      | White Horehound                    | Monte Saraceno                                 |
| <i>Marrubium alysson</i>      | a pink Horehound                   | Monte Saraceno                                 |
| <i>Origanum vulgare</i>       | Oregano                            | sunny hillsides and stony slopes               |
| <i>Prasium majus</i>          | Prasium                            | Monte Saraceno                                 |
| <i>Prunella vulgaris</i>      | Selfheal                           | Cyclamen stop                                  |
| <i>Rosmarinus officinalis</i> | Rosemary                           | common on open hillsides, roadsides            |
| <i>Salvia argentea</i>        | Silver Sage                        | Leaves only                                    |

| Scientific name                      | Common name               | Location, remarks                           |
|--------------------------------------|---------------------------|---|
| <i>Salvia fruticosa</i>              | Three-leaved Sage         | Monte Sarceno                               |
| <i>Salvia pratensis</i>              | Meadow Clary              | Widespread                                  |
| <i>Salvia verbenaca</i>              | Wild Clary                | Widespread                                  |
| <i>Satureja hortensis</i>            | Summer Savory             | nr Mattinata                                |
| <i>Sideritis romana</i>              | Common Sideritis          | Pulsano Monastery                           |
| <i>Sideritis syriaca</i>             | Syrian Sideritis          | sunny open areas (in bud)                   |
| <i>Stachys cretica</i>               | Mediterranean Woundwort   | Monte Saraceno                              |
| <i>Stachys officinalis</i>           | Betony                    | nr Bosco Quarto                             |
| <i>Thymus capitatus</i>              | A Thyme                   | sunny open areas                            |
| <b>Linaceae</b>                      | <b>Flax Family</b>        |   |
| <i>Linum austriacum (narbonense)</i> | Beautiful Flax            | nr Bosco Quarto                             |
| <i>Linum bienne</i>                  | Pale Flax                 | Iris slopes                                 |
| <i>Linum catharticum</i>             | Fairy (Purging) Flax      | widespread                                  |
| <i>Linum perenne</i>                 | Perennial Flax            | Pulsano area                                |
| <i>Linum trigynum</i>                | -                         | Monte Sacro                                 |
| <b>Malvaceae</b>                     | <b>Mallow Family</b>      |   |
| <i>Lavatera arborea</i>              | Tree Mallow               | nr Peschici                                 |
| <i>Lavatera cretica</i>              | Cretan Mallow             | coast nr Zapponeta                          |
| <i>Malva cretica</i>                 | -                         | roadside nr Mattinata                       |
| <i>Malva neglecta</i>                | Dwarf Mallow              | coast nr Zapponeta                          |
| <i>Malva sylvestris</i>              | Common Mallow             | widespread along roadsides                  |
| <b>Moraceae</b>                      | <b>Mulberry Family</b>    |   |
| <i>Ficus carica</i>                  | Fig                       | widely naturalised and cultivated           |
| <b>Oleaceae</b>                      | <b>Olive Family</b>       |   |
| <i>Fraxinus ornus</i>                | Flowering Ash             | Widespread, hillsides, Bosco di Spina Pulci |
| <i>Ligustrum vulgare</i>             | Privet                    | Pulsano Gorge                               |
| <i>Olea europaea</i>                 | Olive                     | Widespread and abundant                     |
| <b>Orobanchaceae</b>                 | <b>Broomrape Family</b>   |   |
| <i>Orobanche alba</i>                | Thyme Broomrape           | Monte Sant' Angelo                          |
| <i>Orobanche amethystea</i>          | Amethyst Broomrape        | Pulsano gorge                               |
| <i>Orobanche caryophyllacea</i>      | Clove-scented Broomrape   | Monte Saraceno                              |
| <i>Orobanche minor</i>               | Common Broomrape          | dried flower spike only                     |
| <i>Orobanche purpurea</i>            | Yarrow Broomrape          | ?   |
| <i>Orobanche sanguinea</i>           |                           | Monte Saraceno                              |
| <b>Oxalidaceae</b>                   | <b>Wood-sorrel Family</b> |   |
| <i>Oxalis corniculata</i>            | Procumbent Yellow Sorrel  | Pulsano Monastery                           |
| <i>Oxalis pes-caprae</i>             | Bermuda Buttercup         | nr Peschici                                 |
| <b>Paeoniaceae</b>                   | <b>Paeony Family</b>      |   |
| <i>Paeonia mascula</i>               | A Peony                   | copses and shady sites nr Bosco Quarto      |
| <b>Papaveraceae</b>                  | <b>Poppy Family</b>       |   |
| <i>Chelidonium majus</i>             | Greater Celandine         | Pulsano area                                |
| <i>Papaver apulum</i>                | -                         | nr Mullein stop                             |
| <i>Papaver hybridum</i>              | Rough Poppy               | roadsides and field margins                 |
| <i>Papaver rhoeas</i>                | Common Poppy              | field margins                               |



| Scientific name                              | Common name              | Location, remarks                      |
|--|--------------------------|--|
| <b>Plantaginaceae</b>                        | <b>Plantain Family</b>   |  |
| <i>Plantago arenaria</i>                     | Branched Plantain        | quarry stop                            |
| <i>Plantago coronopus</i>                    | Buck's-horn Plantain     | widespread on paths, grassy areas      |
| <i>Plantago lagopus</i>                      | Hare's-foot Plantain     | coast nr Zapponeta                     |
| <i>Plantago lanceolata</i>                   | Ribwort Plantain         | roadsides                              |
| <i>Plantago maritima</i>                     | Sea Plantain             | on cliffs, Peschici                    |
| <i>Plantago seraria</i>                      | -                        | Monte Saraceno                         |
| <b>Polygalaceae</b>                          | <b>Milkwort Family</b>   |  |
| <i>Polygala nicaeensis</i>                   | Nice Milkwort            | Iris slopes                            |
| <i>Polygala vulgaris</i>                     | Common Milkwort          | widespread in grassy areas             |
| <b>Polygonaceae</b>                          | <b>Knotweed Family</b>   |  |
| <i>Rumex obtusifolius</i>                    | Broad-leaved Dock        | Cultivated areas                       |
| <i>Rumex pulcher</i>                         | Fiddle Dock              | Cyclamen site                          |
| <i>Polygonum maritimum</i>                   | Sea Knotgrass            | coastal roadside stop                  |
| <b>Primulaceae</b>                           | <b>Primrose Family</b>   |  |
| <i>Anagallis arvensis</i> (Red & Blue forms) | Scarlet Pimpernel        | Field margins, stony areas             |
| <i>Cyclamen hederifolium</i>                 | Ivy-leaved Sowbread      | Leaves only, Foresta Umbra             |
| <i>Cyclamen repandum</i>                     | Spring Cyclamen          | Woodland sites nr Bosco di Spina Pulci |
| <b>Ranunculaceae</b>                         | <b>Buttercup Family</b>  |  |
| <i>Anemone apennina</i>                      | Blue Anemone             | Widespread in woodlands                |
| <i>Anemone hortensis</i>                     | -                        | Open sites, widespread                 |
| <i>Clematis ficaria</i>                      | a Clematis               | leaves and buds only                   |
| <i>Delphinium peregrinum</i>                 | a Larkspur               | leaves only                            |
| <i>Eranthis hyemalis</i>                     | Winter Aconite           | Tulip fields - in seed.                |
| <i>Ficaria verna</i> agg.                    | Lesser Celandine         | widespread in grassy areas             |
| <i>Nigella damascena</i>                     | Love-in-a-mist           | leaves only                            |
| <i>Ranunculus acris</i>                      | Meadow Buttercup         | widespread in grassy areas             |
| <i>Ranunculus arvensis</i>                   | Corn Buttercup           | nr Monte Sant'Angelo                   |
| <i>Ranunculus bulbosus</i>                   | Bulbous Buttercup        | field margins, nr tulip fields         |
| <i>Ranunculus millefoliatus</i>              | -                        | Pilgrim's Path                         |
| <i>Ranunculus muricatus</i>                  | Rough-fruited Buttercup  | nr Tulip fields                        |
| <i>Ranunculus sceleratus</i>                 | Celery-leaved Buttercup  | ditches nr Zapponeta                   |
| <i>Ranunculus velutinus</i>                  | -                        | grassy areas nr Bosco Quarto           |
| <b>Resedaceae</b>                            | <b>Mignonette Family</b> |  |
| <i>Reseda alba</i>                           | White Mignonette         | widespread in open, stony areas        |
| <i>Reseda lutea</i>                          | Wild Mignonette          | roadsides, verges                      |
| <i>Reseda luteola</i>                        | Weld                     | Coast nr Zapponeta                     |
| <i>Reseda phyteuma</i>                       | Corn Mignonette          | field margins                          |
| <b>Rhamnaceae</b>                            | <b>Buckthorn Family</b>  |  |
| <i>Paliurus spina-christi</i>                | Christ's Thorn           | Mullein stop                           |
| <i>Rhamnus alaternus</i>                     | Mediterranean Buckthorn  | Pulsano Gorge                          |
| <b>Rosaceae</b>                              | <b>Rose Family</b>       |  |
| <i>Aremonia agrimonioides</i>                | Bastard Agrimony         | Bosco Quarto                           |
| <i>Crataegus monogyna</i>                    | Hawthorn                 | widespread                             |
| <i>Cydonia oblonga</i>                       | Quince                   | roadside stop                          |

| Scientific name                     | Common name                     | Location, remarks                |
|-------------------------------------|---------------------------------|----------------------------------|
| <i>Filipendula vulgaris</i>         | Dropwort                        | nr Mullein stop                  |
| <i>Fragaria vesca</i>               | Wild Strawberry                 | widespread                       |
| <i>Geum urbanum</i>                 | Wood Avens                      | Bosco Quarto                     |
| <i>Malus sylvestris</i>             | Crab Apple                      | Bosco di Spina Pulci             |
| <i>Potentilla hirta</i>             | Hairy Cinquefoil                | Monte Sacro area                 |
| <i>Prunus dulcis</i>                | Almond                          | widely cultivated                |
| <i>Prunus spinosa</i>               | Blackthorn                      | roadsides, esp Monte Calvo area  |
| <i>Pyracantha coccinea</i>          | Firethorn                       | planted - Monte Sant'Angelo      |
| <i>Pyrus amygdaliformis</i>         | Almond-leaved Pear              | widespread                       |
| <i>Pyrus communis</i>               | Pear                            | nr Monte Calvo                   |
| <i>Rosa sp.</i>                     | A Rose                          | Pulsano gorge                    |
| <i>Rubus fruticosus agg</i>         | Bramble                         | widespread                       |
| <i>Rubus sanctus</i>                | Bramble                         | poss in Quarry stop              |
| <i>Sanguisorba (Poterium) minor</i> | Salad Burnet                    | Pulsano area                     |
| <i>Sorbus aucuparia</i>             | Rowan or Mountain Ash           | Monte Calvo area                 |
| <i>Sorbus torminalis</i>            | Wild Service Tree               | nr Monte Calvo                   |
| <b>Rubiaceae</b>                    | <b>Bedstraw Family</b>          |                                  |
| <i>Asperula arvensis</i>            | Blue Woodruff                   | Tulip field and Peony stop       |
| <i>Cruciata laevipes</i>            | Crosswort                       | Pilgrim's Path                   |
| <i>Galium aparine</i>               | Cleavers                        | roadsides and field margins      |
| <i>Galium mollugo</i>               | Hedge Bedstraw                  | nr hotel, Monte Sant'Angelo      |
| <i>Galium odoratum</i>              | Woodruff                        | Foresta Umbra                    |
| <i>Galium setaceum</i>              |                                 | Pulsano Monastery                |
| <i>Galium verum</i>                 | Lady's Bedstraw                 | not in flower                    |
| <i>Rubia peregrina</i>              | Wild Madder                     | Monte Saraceno                   |
| <i>Sherardia arvensis</i>           | Field Madder                    | widespread                       |
| <i>Valantia hispida</i>             | Valantia                        | Monte Saraceno, on rocks         |
| <i>Valantia muralis</i>             | a Valantia                      | Widespread in dry areas          |
| <b>Rutaceae</b>                     | <b>Rue Family</b>               |                                  |
| <i>Ruta chalepensis</i>             | Fringed Rue                     | leaves only, Pulsano Gorge       |
| <b>Santalaceae</b>                  | <b>Sandalwood Family</b>        |                                  |
| <i>Osyris alba</i>                  | Osyris                          | Monte Saraceno, near old tower   |
| <b>Saxifragaceae</b>                | <b>Saxifrage Family</b>         |                                  |
| <i>Saxifraga bulbifera</i>          | Bulbous Saxifrage               | Foresta Umbra                    |
| <i>Saxifraga granulata</i>          | Meadow Saxifrage                | widespread                       |
| <i>Saxifraga tridactylites</i>      | Rue-leaved Saxifrage            | walls and rocks, widespread      |
| <b>Scrophulariaceae</b>             | <b>Figwort Family</b>           |                                  |
| <i>Antirrhinum siculum</i>          | Sicilian Snapdragon             | Peschici - Trabucco stop         |
| <i>Bellardia trixago</i>            | Bellardia                       | Coastal site nr Zapponeta        |
| <i>Cymbalaria muralis</i>           | Ivy-leaved Toadflax             | Walls, common, Monte Sant'Angelo |
| <i>Digitalis ferruginea</i>         | Brown Foxglove                  | leaves only                      |
| <i>Misopates orontium</i>           | Weasel Snout/Lesser Snapdragon  | Mullein stop                     |
| <i>Parentucellia latifolia</i>      | Southern Red Bartsia            | widespread in open, stony areas  |
| <i>Scrophularia peregrina</i>       | Italian (Nettle-leaved) Figwort | nr Mullein stop                  |
| <i>Scrophularia scopolii</i>        | a Figwort                       | leaves only, Monte Calvo area    |
| <i>Verbascum longifolium</i>        | a Mullein                       | roadside nr Peschici             |
| <i>Verbascum phoeniceum</i>         | Purple Mullein                  | nr Bosco di Spina Pulci          |

| Scientific name                 | Common name                 | Location, remarks                   |
|---------------------------------|-----------------------------|-------------------------------------|
| <i>Verbascum thapsus</i>        | Aaron's Rod                 | widespread on roadsides nr Peschici |
| <i>Verbascum undulatum</i>      | a Mullein                   | leaves and tight buds only          |
| <i>Veronica cymbalaria</i>      | Cymbalaria-leaved Speedwell | Bosco Quarto                        |
| <i>Veronica hederifolia</i> agg | Ivy-leaved Speedwell        | widespread in shaded areas          |
| <i>Veronica serpyllifolia</i>   | Thyme-leaved Speedwell      | grassy areas                        |
| <b>Solanaceae</b>               | <b>Nightshade Family</b>    |                                     |
| <i>Hyoscyamus alba</i>          | White Henbane               | walls of Pulsano Monastery          |
| <i>Solanum sodomaeum</i>        | Apple of Sodom              | cliff-top nr Peschici               |
| <b>Thymelaeaceae</b>            | <b>Daphne Family</b>        |                                     |
| <i>Daphne laureola</i>          | Spurge Laurel               | Foresta Umbra                       |
| <i>Daphne sericea</i>           |                             | roadside Cyclamen stop              |
| <b>Tiliaceae</b>                | <b>Lime Family</b>          |                                     |
| <i>Tilia cordata</i>            | Small-leaved Lime           | roadside Cyclamen stop              |
| <b>Ulmaceae</b>                 | <b>Elm Family</b>           |                                     |
| <i>Ulmus</i> sp.                | An Elm                      | Monte Sant'Angelo                   |
| <b>Urticaceae</b>               | <b>Nettle Family</b>        |                                     |
| <i>Parietaria judaica</i>       | Pellitory of the Wall       | Common, rocks and walls             |
| <i>Urtica dioica</i>            | Nettle                      | Cultivated areas                    |
| <i>Urtica pilulifera</i>        | Roman Nettle                | Monte Saraceno                      |
| <b>Valerianaceae</b>            | <b>Valerian Family</b>      |                                     |
| <i>Centranthus ruber</i>        | Red Valerian                | Widespread, roadsides               |
| <i>Valeriana tuberosa</i>       | -                           | Pulsano area                        |
| <i>Valerianella</i> sp.         | A Cornsalad                 | stony areas, Pulsano Gorge          |
| <b>Violaceae</b>                | <b>Violet Family</b>        |                                     |
| <i>Viola arvensis</i>           | Field Pansy                 | Iris slopes, Viola site             |
| <i>Viola graeca</i>             | A Pansy (purple or cream)   | Iris slopes, Bosco Quarto           |
| <i>Viola odorata</i>            | Sweet Violet                | Foresta Umbra                       |
| <i>Viola riviniana</i>          | Common Dog Violet           | nr Bosco Quarto                     |
| <b>Vitaceae</b>                 | <b>Grape-vine Family</b>    |                                     |
| <i>Vitis vinifera</i>           | Grape                       | widely cultivated                   |

#### Liliidae (Monocotyledons)

|   |                            |                               |
|---|----------------------------|-------------------------------|
| <b>Araceae</b>                              | <b>Arum Family</b>         |                               |
| <i>Arum italicum</i> subsp. <i>italicum</i> | Large Cuckoo Pint          | Monte Saraceno, Monte Sacro   |
| <i>Arum maculatum</i>                       | Cuckoo Pint                | Foresta Umbra                 |
| <b>Cyperaceae</b>                           | <b>Sedge Family</b>        |                               |
| <i>Carex caryophylla</i>                    | Spring Sedge               | Quarry stop                   |
| <i>Carex divulsa</i>                        | Grey Sedge                 | Quarry stop                   |
| <i>Carex sylvatica</i>                      | Wood Sedge                 | Foresta Umbra                 |
| <b>Dioscoreaceae</b>                        | <b>Black Bryony Family</b> |                               |
| <i>Tamus communis</i>                       | Black Bryony               | roadsides stops, shaded areas |

| Scientific name                                | Common name                | Location, remarks                                 |
|--|----------------------------|---|
| <b>Iridaceae</b>                               |                            |   |
| <i>Crocus sp.</i>                              | a Crocus                   | One or two still in flower, Bosco Quarto          |
| <i>Gladiolus italicus</i>                      | Field Gladiolus            | leaves only, but a few in flower nr Bosco Quarto  |
| <i>Moraea (Gynandriris) sisyrinchium</i>       | Barbary Nut                | Roadside near coast                               |
| <i>Hermodactylus tuberosus</i>                 | Widow or Snake's-head Iris | widespread, most over, but in flower nr Pulsano   |
| <i>Iris foetidissima</i>                       | Stinking Iris              | Foresta Umbra, Cyclamen stop                      |
| <i>Iris lutescens*</i>                         | -                          | hillsides in Bosco Quarto area                    |
| <i>Iris pseudopumilla*</i>                     | -                          | Bosco Quarto                                      |
| <b>Juncaceae</b>                               |                            |   |
| <i>Luzula campestris</i>                       | Field Wood-rush            | Bosco Quarto                                      |
| <i>Luzula forsteri</i>                         | Southern Wood-rush         | Bosco di Spina Pulci                              |
| <b>Liliaceae</b>                               |                            |   |
| <i>Allium neapolitanum</i>                     | Naples Garlic              | Pulsano Gorge                                     |
| <i>Allium pendulinum</i>                       | Pendulous Garlic           | Bosco Quarto                                      |
| <i>Allium roseum</i>                           | Rose Garlic                | Mullein stop                                      |
| <i>Allium subhirsutum</i>                      | Hairy Garlic               | widespread  |
| <i>Allium subvillosum</i>                      | -                          | Pulsano Gorge                                     |
| <i>Allium triquetum</i>                        | Three-cornered Leek        | nr Peschici                                       |
| <i>Allium ursinum</i>                          | Ramsons                    | Foresta Umbra                                     |
| <i>Asparagus acutifolius</i>                   | Spiny Asparagus            | widespread, esp Bosco di Spina Pulci              |
| <i>Asphodeline lutea</i>                       | Yellow Asphodel            | locally common                                    |
| <i>Asphodelus aestivus</i>                     | Common Asphodel            | widespread  |
| <i>Asphodelus fistulosus</i>                   | Hollow-leaved Asphodel     | Pulsano   |
| <i>Leopoldia (Muscari) comosa</i>              | Tassel Hyacinth            | widespread  |
| <i>Muscari neglecta</i>                        | Dark Grape Hyacinth        | abundant in some stony areas                      |
| <i>Narcissus poeticus</i>                      | Pheasant's-eye Daffodil    | Bosco Quarto                                      |
| <i>Narcissus tazetta</i>                       |                            | Bosco Quarto - a few still in flower              |
| <i>Ornithogalum montanum</i>                   | Star of Bethlehem (yellow) | Iris slopes                                       |
| <i>Ornithogalum pyrenaicum</i>                 | Bath Asparagus             | Mullein stop, buds only                           |
| <i>Ornithogalum umbellatum</i>                 | Common Star of Bethlehem   | widespread  |
| <i>Polygonatum multiflorum</i>                 | Solomon's Seal             | Foresta Umbra                                     |
| <i>Ruscus aculeatus</i>                        | Butcher's Broom            | widespread, Bosco Quarto, Foresta Umbra           |
| <i>Smilax aspera</i>                           | Common Smilax              | Pulsano Gorge                                     |
| <i>Tulipa sylvestris</i>                       | Wild Tulip                 | abundant in fields below Monte Sant'Angelo        |
| <i>Urginea maritima</i>                        | Sea Squill                 | leaves only - widespread.                         |
| <b>Orchidaceae</b>                             |                            |   |
| <i>Anacamptis coriophora (Orchis fragrans)</i> | A Bug Orchid               | Monte Saraceno                                    |
| <i>Anacamptis (Orchis) morio</i>               | Green-winged Orchid        | widespread  |
| <i>Anacamptis (Orchis) morio ssp. picta</i>    | a Green-winged Orchid      | one site , Foresta Umbra                          |
| <i>Anacamptis (Orchis) papilionacea</i>        | Pink Butterfly Orchid      | widespread, open sunny sites                      |
| <i>Anacamptis pyramidalis</i>                  | Pyramidal Orchid           | Mullein stop                                      |
| <i>Dactylorhiza fuchsii</i>                    | Common Spotted-orchid      | Mostly in bud, but a few in flower nr Monte Calvo |
| <i>Dactylorhiza romana</i>                     | Roman Orchid               | Bosco Quarto and other sites, common              |
| <i>Dactylorhiza sambucina</i>                  | Elderflower Orchid         | scarce, below Monte Calvo                         |
| <i>Himantoglossum hircinum</i>                 | Lizard Orchid              | leaf rosettes and tight buds only.                |
| <i>Himantoglossum robertianum</i>              | Giant Orchid               | going over, a few plants near Bosco Quarto        |
| <i>Neotinea (Orchis) lactea</i>                | Milky Orchid               | Pulsano area, mostly going over                   |

| Scientific name  | Common name                  | Location, remarks                                   |
|--|------------------------------|---|
| <i>Neotinea maculata</i>                               | Dense-flowered Orchid        | very scarce, a few on Monte Sacro                   |
| <i>Neotinea (Orchis) ustulata</i>                      | Burnt Tip Orchid             | nr Foresta Umbra                                    |
| <i>Neottia nidus-avis</i>                              | Bird's Nest Orchid           | Old flower spikes, Bosco Quarto                     |
| <i>Ophrys argolica</i> subsp. <i>biscutella</i>        | Spectacled Ophrys            | Bosco Quarto and other sites                        |
| <i>Ophrys bertoloniformis</i> *                        | -                            | nr Monte Sacro and other sites                      |
| <i>Ophrys bertolonii</i>                               | Bertoloni's Bee Orchid       | nr Monte Sacro and other sites                      |
| <i>Ophrys bombyliflora</i>                             | Bumblebee Ophrys             | Pulsano Gorge                                       |
| <i>Ophrys exaltata</i> subsp. <i>archipelagi</i>       | -                            | nr Monte Calvo                                      |
| <i>Ophrys fuciflora</i>                                | Late Spider Orchid           | Pulsano area  |
| <i>Ophrys fuciflora</i> subsp. <i>apulica</i> *        | Apulian Ophrys               | Pulsano Gorge, Fly-tip stop                         |
| <i>Ophrys fuciflora</i> subsp. <i>parvimaculata</i>    | Small-patterned Ophrys       | Bosco di Spina Pulci                                |
| <i>Ophrys iricolor/fusca</i>                           | Sombre Bee Orchid            | Pilgrim's Path - one specimen                       |
| <i>Ophrys lutea</i>                                    | a Yellow Ophrys              | scattered sites, open stony areas                   |
| <i>Ophrys lutea</i> ssp. <i>galliae (sicula)</i>       | -                            | common and widespread                               |
| <i>Ophrys lutea</i> subsp. <i>melena</i>               | a Yellow Ophrys              | MonteSaraceno                                       |
| <i>Ophrys promontorii</i> *                            | -                            | Pulsano areas                                       |
| <i>Ophrys sphegodes</i>                                | Early Spider Orchid          | widespread, seen at most orchid stops               |
| <i>O. sphegodes</i> ssp. <i>atrata (O. incubacea)</i>  | Dark Ophrys                  | roadside stop nr Foresta Umbra                      |
| <i>O. sphegodes</i> ssp. <i>litigiosa (quadriloba)</i> | -                            | roadside stop nr Foresta Umbra                      |
| <i>O. sphegodes</i> ssp. <i>passionis (garganica)</i>  | Gargano Ophrys               | Pulsano area and several other sites                |
| <i>Ophrys sphegodes</i> subsp. <i>sipontensis</i> *    | -                            | scarce, Pulsano area and Monte Sacro                |
| <i>Ophrys tenthredinifera</i>                          | Sawfly Ophrys                | Pulsano area, Monte Sacro and other sites           |
| <i>Orchis anthropophora</i>                            | Man Orchid                   | widespread, seen at most orchid stops               |
| <i>Orchis italica</i>                                  | Naked Man Orchid             | widespread, seen at most orchid stops               |
| <i>Orchis pauciflora</i>                               | Sparse Flowered Orchid       | Monte Sacro   |
| <i>Orchis provincialis</i>                             | Provence Orchid              | Quarry stop   |
| <i>Orchis purpurea</i>                                 | Lady Orchid                  | nr Peschici in olive grove                          |
| <i>Orchis quadripunctata</i>                           | Four-spotted Orchid          | Monte Sacro   |
| <i>Serapias cordigera</i>                              | Heart-flowered Tongue Orchid | Bosco di Spina Pulci                                |
| <i>Serapias lingua</i>                                 | Tongue Orchid                | Widespread, sunny areas                             |
| <i>Serapias parviflora</i>                             | Small-flowered Tongue Orchid | scarce, few plants in one olive grove, Fly-tip stop |
| <i>Serapias vomeracea</i>                              | Plough-share Tongue Orchid   | Fly-tip stop  |
| <b>Hybrids (a selection)</b>                           |                              |   |
| <i>Dactylorhiza sambucina</i> x <i>D. romana</i>       | -                            | possible - nr Monte Calvo                           |
| <i>Ophrys incubacea</i> x <i>Ophrys garganica</i>      | -                            | possible - nr Monte Sant'Angelo                     |
| <i>Ophrys incubacea</i> x <i>Ophrys bertolonii</i>     | -                            | roadside nr Foresta Umbra                           |
| <i>Anacamptis morio</i> x <i>A. papilionacea</i>       | -                            | Pulsano area  |
| <i>Orchis purpurea</i> x <i>O. italica</i>             | -                            | Pulsano area  |
| <b>Poaceae</b>   |                              |   |
| <b>Grass Family</b>                                    |                              |   |
| <i>Aegilops geniculata</i>                             | Aegilops                     | Pulsano and other sites                             |
| <i>Anisantha diandra</i>                               | Great Brome                  | fields and roadsides                                |
| <i>Anisantha sterilis</i>                              | Barren Brome                 | scattered sites                                     |
| <i>Arundo donax</i>                                    | Giant Reed                   | wetlands nr coast                                   |
| <i>Anthoxanthum odoratum</i>                           | Sweet Vernal Grass           | Bosco Quarto  |
| <i>Avena barbata</i>                                   | Bristle Oat                  | Fields and grassy areas                             |
| <i>Avena sterilis</i>                                  | Barren Oat                   | Fields and grassy areas                             |
| <i>Briza maxima</i>                                    | Large Quaking Grass          | Mullein stop  |
| <i>Briza media</i>                                     | Quaking Grass                | Quarry stop   |

| Scientific name                  | Common name              | Location, remarks            |
|----------------------------------|--------------------------|------------------------------|
| <i>Brachypodium (sylvaticum)</i> | False Brome              | Bosco Quarto                 |
| <i>Bromus hordeaceus</i>         | Soft-brome               | Peschici cliff-top           |
| <i>Catapodium rigidum</i>        | Fern Grass               | rocks nr Quarry stop         |
| <i>Dactylis glomerata</i>        | Cock's-foot              | Mullein Stop                 |
| <i>Festuca vivipera</i>          | Viviparous Fescue        | Peschici                     |
| <i>Hordeum murinum</i>           | Wall Barley              | nr coast                     |
| <i>Hordeum sp.</i>               | a Barley                 | widespread                   |
| <i>Lagurus ovatus</i>            | Hare's-foot Grass        | Fly-tip stop                 |
| <i>Melica uniflora</i>           | Wood Melick              | Foresta Umbra                |
| <i>Phragmites australis</i>      | Common Reed              | nr coastal salt pans         |
| <i>Rostraria cristata</i>        | Mediterranean Hair-grass | Peschici                     |
| <i>Stipa pennata</i>             | a Feather Grass          | hillsides nr Peschici        |
| <b>Lichens</b>                   |                          |                              |
| <i>Lobaria pulmonaria</i>        | Tree Lungwort            | Bosco Quarato, Foresta Umbra |

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

|    | Common name             | Scientific name                   | April |    |    |    |    |    |    |    |
|----|-------------------------|-----------------------------------|-------|----|----|----|----|----|----|----|
|    |                         |                                   | 20    | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 1  | Pygmy Cormorant         | <i>Microcarbo pygmeus</i>         | ✓     |    |    |    |    |    |    |    |
| 2  | Little Egret            | <i>Egretta garzetta</i>           | ✓     |    |    |    |    |    |    |    |
| 3  | Grey Heron              | <i>Ardea cinerea</i>              |       |    |    |    |    |    | ✓  | ✓  |
| 4  | White Stork             | <i>Ciconia ciconia</i>            | ✓     |    |    |    |    |    |    |    |
| 5  | Eurasian Spoonbill      | <i>Platalea leucorodia</i>        | ✓     |    |    |    |    |    |    |    |
| 6  | Greater Flamingo        | <i>Phoenicopterus ruber</i>       | ✓     |    |    |    |    |    |    |    |
| 7  | Common Shelduck         | <i>Tadorna tadorna</i>            | ✓     |    |    |    |    |    |    |    |
| 8  | Black Kite              | <i>Milvus migrans</i>             |       |    |    |    |    |    | ✓  |    |
| 9  | Marsh Harrier           | <i>Circus aeruginosus</i>         | ✓     |    |    |    |    |    |    |    |
| 10 | Hen Harrier             | <i>Circus cyaneus</i>             | ✓     |    |    |    |    |    |    |    |
| 11 | Montagu's Harrier       | <i>Circus pygargus</i>            |       |    |    | ✓  |    |    |    |    |
| 12 | Common Buzzard          | <i>Buteo buteo</i>                | ✓     |    | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  |
| 13 | Eurasian Sparrowhawk    | <i>Accipiter nisus</i>            | ✓     |    |    |    |    |    |    |    |
| 14 | Common Kestrel          | <i>Falco tinnunculus</i>          | ✓     |    |    |    |    |    | ✓  | ✓  |
| 15 | Lesser Kestrel          | <i>Falco naumanni</i>             | ✓     |    |    |    |    |    |    | ✓  |
| 16 | Red-footed Falcon       | <i>Falco verspetinus</i>          |       |    |    |    |    |    |    | ✓  |
| 17 | Eurasian Hobby          | <i>Falco subbuteo</i>             |       |    |    | ✓  |    |    |    |    |
| 18 | Peregrine Falcon        | <i>Falco peregrinus</i>           |       |    |    |    |    | ✓  |    |    |
| 19 | Black-winged Stilt      | <i>Himantopus himantopus</i>      | ✓     |    |    |    |    |    |    |    |
| 20 | Curlew                  | <i>Numenius arquata</i>           | ✓     |    |    |    |    |    |    |    |
| 21 | Slender-billed Gull     | <i>Chroicocephalus genei</i>      | ✓     |    |    |    |    |    |    |    |
| 22 | Mediterranean Gull      | <i>Ichthyaetus melanocephalus</i> | ✓     |    |    |    |    |    |    |    |
| 23 | Yellow-legged Gull      | <i>Larus cachinnans</i>           | ✓     |    | ✓  | ✓  |    |    |    |    |
| 24 | Sandwich Tern           | <i>Thalasseus sandvicensis</i>    | ✓     |    |    |    |    |    |    |    |
| 25 | Gull-billed Tern        | <i>Gelochelidon nilotica</i>      | ✓     |    |    |    |    |    |    |    |
| 26 | Arctic Tern             | <i>Sterna paradisaea</i>          | ✓     |    |    |    |    |    |    |    |
| 27 | Rock Dove /Feral Pigeon | <i>Columba livia</i>              | ✓     | ✓  | ✓  | ✓  |    |    |    |    |
| 28 | Common Wood Pigeon      | <i>Columba palumbus</i>           |       |    | ✓  | ✓  |    |    |    |    |
| 29 | Eurasian Collared Dove  | <i>Streptopelia decaocto</i>      | ✓     | ✓  |    | ✓  |    |    |    |    |
| 30 | Common Cuckoo           | <i>Cuculus canorus</i>            |       | h  | ✓  | ✓  |    | h  | h  |    |
| 31 | Tawny Owl               | <i>Strix aluco</i>                |       |    | h  |    | h  |    |    |    |

|    | Common name                  | Scientific name                       | April |    |    |    |    |    |    |    |   |
|----|------------------------------|---------------------------------------|-------|----|----|----|----|----|----|----|---|
|    |                              |                                       | 20    | 21 | 22 | 23 | 24 | 25 | 26 | 27 |   |
| 32 | Common Swift                 | <i>Apus apus</i>                      | ✓     | ✓  | ✓  | ✓  |    |    | ✓  | ✓  | ✓ |
| 33 | Alpine Swift                 | <i>Apus melba</i>                     |       |    |    |    |    |    | ✓  | ✓  | ✓ |
| 34 | Pallid Swift                 | <i>Apus pallidus</i>                  |       |    | ✓  | ✓  |    |    |    |    |   |
| 35 | Eurasian Hoopoe              | <i>Upupa epops</i>                    | ✓     |    | ✓  | ✓  |    |    | h  | h  |   |
| 36 | European Bee-eater           | <i>Merops apiaster</i>                |       |    |    |    |    |    | ✓  |    |   |
| 37 | European Green Woodpecker    | <i>Picus viridis</i>                  |       |    | ✓  |    | ✓  |    | h  | h  |   |
| 38 | Great Spotted Woodpecker     | <i>Dendrocopos major</i>              |       |    | ✓  |    | h  |    |    |    |   |
| 39 | Common Skylark               | <i>Alauda arvensis</i>                |       |    | ✓  |    |    |    |    |    |   |
| 40 | Crested Lark                 | <i>Galerida cristata</i>              | ✓     |    |    | ✓  |    |    |    | h  | ✓ |
| 41 | Barn Swallow                 | <i>Hirundo rustica</i>                | ✓     | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓ |
| 42 | Common House Martin          | <i>Delichon urbica</i>                | ✓     | ✓  | ✓  | ✓  |    |    |    | ✓  | ✓ |
| 43 | White Wagtail                | <i>Motacilla alba</i>                 |       | ✓  |    | ✓  |    |    |    | ✓  |   |
| 44 | Yellow (Ashy-headed) Wagtail | <i>Motacilla flava cinereocapilla</i> |       |    | ✓  |    |    |    |    |    |   |
| 45 | Eurasian Wren                | <i>Troglodytes troglodytes</i>        |       |    | ✓  |    | ✓  | ✓  | ✓  |    |   |
| 46 | Dunnock                      | <i>Prunella modularis</i>             |       |    |    |    |    |    | ✓  |    |   |
| 47 | European Robin               | <i>Erithacus rubecula</i>             |       |    | ✓  |    | ✓  | ✓  |    |    |   |
| 48 | Common Nightingale           | <i>Luscinia megarhynchos</i>          |       |    | ✓  | h  |    |    | h  | h  |   |
| 49 | Common Stonechat             | <i>Saxicola torquata</i>              | ✓     |    |    |    |    |    |    | ✓  |   |
| 50 | Blue Rock Thrush             | <i>Monticola solitarius</i>           |       | h  |    |    |    |    | h  |    |   |
| 51 | Song Thrush                  | <i>Turdus philomelos</i>              |       |    | h  |    |    |    |    |    |   |
| 52 | Common Blackbird             | <i>Turdus merula</i>                  |       |    | ✓  | ✓  |    |    | ✓  |    |   |
| 53 | Eurasian Blackcap            | <i>Sylvia atricapilla</i>             |       |    | ✓  | ✓  | ✓  | ✓  |    | h  |   |
| 54 | Lesser Whitethroat           | <i>Sylvia curruca</i>                 |       |    |    | ✓  |    |    |    | ✓  |   |
| 55 | Sardinian Warbler            | <i>Sylvia melanocephala</i>           |       | ✓  |    | ✓  | h  | ✓  | ✓  |    |   |
| 56 | Common Whitethroat           | <i>Sylvia communis</i>                |       |    |    | ✓  |    |    |    |    |   |
| 57 | Subalpine Warbler            | <i>Sylvia cantillans</i>              |       | ✓  |    | ✓  | h  |    |    |    |   |
| 58 | Zitting Cisticola            | <i>Cisticola juncidis</i>             | ✓     |    |    |    |    |    |    |    |   |
| 59 | Cetti's Warbler              | <i>Cettia cetti</i>                   |       |    |    |    |    |    | ✓  | ✓  |   |
| 60 | Bonelli's Warbler            | <i>Phylloscopus bonelli</i>           |       | ✓  | ✓  |    |    |    |    |    |   |
| 61 | Common Chiffchaff            | <i>Phylloscopus collybita</i>         |       |    | ✓  | ✓  | ✓  | ✓  |    |    |   |
| 62 | Common Firecrest             | <i>Regulus ignicapillus</i>           |       |    | ✓  |    | ✓  |    |    | ✓  |   |
| 63 | Great Tit                    | <i>Parus major</i>                    |       | ✓  | ✓  | ✓  | ✓  |    |    | ✓  |   |
| 64 | Eurasian Blue Tit            | <i>Cyanistes caeruleus</i>            |       | ✓  | ✓  | ✓  |    |    |    | ✓  |   |
| 65 | Long-tailed Tit              | <i>Aegithalos caudatus</i>            |       |    |    |    |    |    | ✓  |    |   |
| 66 | Eurasian Nuthatch            | <i>Sitta europaea</i>                 |       |    | ✓  | ✓  | ✓  |    |    | ✓  |   |
| 67 | Short-toed Treecreeper       | <i>Certhia brachydactyla</i>          |       |    | ✓  |    | ✓  | ✓  |    |    |   |
| 68 | Woodchat Shrike              | <i>Lanius senator</i>                 |       |    | ✓  |    |    |    |    |    |   |
| 69 | Common Magpie                | <i>Pica pica</i>                      | ✓     | ✓  | ✓  | ✓  | ✓  | ✓  |    |    | ✓ |
| 70 | Eurasian Jay                 | <i>Garrulus glandarius</i>            | ✓     |    | ✓  |    |    | ✓  |    |    |   |
| 71 | Western Jackdaw              | <i>Corvus monedula</i>                | ✓     | ✓  | ✓  |    |    | ✓  | ✓  | ✓  |   |
| 72 | Hooded Crow                  | <i>Corvus cornix</i>                  | ✓     | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  | ✓ |
| 73 | Common Raven                 | <i>Corvus corax</i>                   |       |    |    |    |    |    | h  | ✓  |   |
| 74 | Common Starling              | <i>Sturnus vulgaris</i>               | ✓     | ✓  |    |    |    | ✓  | ✓  | ✓  |   |
| 75 | Golden Oriole                | <i>Oriolus oriolus</i>                | ✓     |    |    |    |    |    |    |    |   |
| 76 | Italian Sparrow              | <i>Passer italiae</i>                 | ✓     | ✓  | ✓  | ✓  |    | ✓  |    |    | ✓ |
| 77 | Common Chaffinch             | <i>Fringilla coelebs</i>              |       |    | ✓  | ✓  |    | ✓  | ✓  |    |   |
| 78 | Common Linnet                | <i>Linaria cannabina</i>              |       |    |    |    |    |    |    | ✓  | ✓ |
| 79 | European Goldfinch           | <i>Carduelis carduelis</i>            |       |    |    |    |    |    |    | ✓  |   |
| 80 | European Serin               | <i>Serinus serinus</i>                |       |    |    | ✓  |    | ✓  | ✓  | ✓  | ✓ |

|    | Common name  | Scientific name          | April |    |    |    |    |    |    |    |   |
|----|--------------|--------------------------|-------|----|----|----|----|----|----|----|---|
|    |              |                          | 20    | 21 | 22 | 23 | 24 | 25 | 26 | 27 |   |
| 81 | Cirl Bunting | <i>Emberiza cirlus</i>   |       | ✓  |    | ✓  |    |    | h  | h  |   |
| 82 | Corn Bunting | <i>Emberiza calandra</i> | ✓     | ✓  | ✓  |    |    |    |    | ✓  | ✓ |

## Butterflies

|    |                         |                               |   |   |   |   |   |   |   |   |   |
|----|-------------------------|-------------------------------|---|---|---|---|---|---|---|---|---|
| 1  | Mallow Skipper          | <i>Carcharodus alceae</i>     |   | ✓ |   |   |   |   |   |   |   |
| 2  | Grizzled Skipper        | <i>Pyrgus malvae</i>          |   | ✓ | ✓ | ✓ |   |   | ✓ | ✓ |   |
| 3  | Dingy Skipper           | <i>Erynnis tages</i>          |   |   | ✓ |   |   |   |   |   |   |
| 4  | Swallowtail             | <i>Papilio machaon</i>        | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |   |
| 5  | Scarce Swallowtail      | <i>Iphicides podalirius</i>   |   |   | ✓ | ✓ |   |   | ✓ | ✓ | ✓ |
| 6  | Southern Festoon        | <i>Zerynthia polyxena</i>     |   | ✓ |   | ✓ |   |   |   |   |   |
| 7  | Cleopatra               | <i>Gonepteryx cleopatra</i>   |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 8  | Brimstone               | <i>Gonepteryx rhamni</i>      |   | ✓ | ✓ | ✓ |   |   | ✓ | ✓ |   |
| 9  | Clouded Yellow          | <i>Colias crocea</i>          |   |   | ✓ |   |   |   |   |   |   |
| 10 | Berger's Clouded Yellow | <i>Colias alfacariensis</i>   |   | ✓ | ✓ |   |   |   |   |   |   |
| 11 | Large White             | <i>Pieris brassicae</i>       | ✓ |   | ✓ | ✓ |   |   | ✓ |   |   |
| 12 | Green-veined White      | <i>Pieris napi</i>            |   |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |   |
| 13 | Small White             | <i>Pieris rapae</i>           | ✓ | ✓ | ✓ | ✓ |   |   |   | ✓ | ✓ |
| 14 | Orange Tip              | <i>Anthocharis cardamines</i> |   | ✓ | ✓ | ✓ |   |   | ✓ | ✓ | ✓ |
| 15 | Eastern Dappled White   | <i>Euchloe ausonia</i>        |   |   |   | ✓ |   |   | ✓ | ✓ |   |
| 16 | Eastern Bath White      | <i>Pontia edusa</i>           |   | ✓ |   |   |   |   | ✓ |   |   |
| 17 | Wood White              | <i>Leptidea sinapis</i>       |   |   | ✓ | ✓ |   |   | ✓ | ✓ |   |
| 18 | Green Hairstreak        | <i>Callophrys rubi</i>        |   |   |   |   |   |   | ✓ |   |   |
| 19 | Holly Blue              | <i>Celastrina argiolus</i>    |   |   | ✓ | ✓ |   |   | ✓ |   |   |
| 20 | Little Blue             | <i>Cupido minimus</i>         |   |   |   |   |   |   | ✓ |   |   |
| 21 | Common Blue             | <i>Polyommatus icarus</i>     |   | ✓ |   |   |   |   |   |   | ✓ |
| 22 | Chapmans Blue           | <i>Polyommatus thersites</i>  |   | ✓ |   |   |   |   |   |   | ✓ |
| 23 | Baton Blue              | <i>Pseudophilotes baton</i>   |   | ✓ |   |   |   |   |   |   |   |
| 24 | Adonis Blue             | <i>Lysandra bellargus</i>     |   | ✓ |   |   |   |   |   |   | ✓ |
| 25 | Large Tortoiseshell     | <i>Nymphalis polychloros</i>  |   | ✓ |   |   |   |   |   |   |   |
| 26 | Painted Lady            | <i>Vanessa cardui</i>         |   | ✓ |   |   |   |   |   |   | ✓ |
| 27 | Small Tortoiseshell     | <i>Aglais urticae</i>         |   |   |   |   |   | ✓ |   |   |   |
| 28 | Speckled Wood           | <i>Parage aegeria</i>         |   |   | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |   |
| 29 | Wall Brown              | <i>Lasiommata megera</i>      |   | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ |   |
| 30 | Small Heath             | <i>Coenonympha pamphilus</i>  |   | ✓ | ✓ | ✓ |   |   | ✓ | ✓ |   |

## Moths

|  |                       |                               |  |  |  |  |   |  |   |  |   |
|--|-----------------------|-------------------------------|--|--|--|--|---|--|---|--|---|
|  | 6-Spot Burnet         | <i>Zygaena filipendulae</i>   |  |  |  |  |   |  |   |  | ✓ |
|  | Hummingbird Hawk Moth | <i>Macroglossum stellatum</i> |  |  |  |  | ✓ |  | ✓ |  |   |
|  | Cream Spot Tiger      | <i>Arctia villica</i>         |  |  |  |  |   |  | ✓ |  |   |

## Other Invertebrates

|   |                          |                               |   |   |  |   |   |  |   |   |   |
|---|--------------------------|-------------------------------|---|---|--|---|---|--|---|---|---|
| 1 | Roesel's Bush-cricket    | <i>Metriopectera roeselii</i> |   | ✓ |  |   | ✓ |  |   |   | ✓ |
| 2 | Great Green Bush-Cricket | <i>Tettigonia viridissima</i> |   |   |  | ✓ |   |  |   |   | ✓ |
| 3 | A mantid                 | <i>Empusa fasciata(?)</i>     |   | ✓ |  |   |   |  |   |   |   |
| 4 | an Ascalaphid            | <i>Libelloides coccajus</i>   |   |   |  |   |   |  |   |   | ✓ |
| 5 | Bee Fly                  | <i>Bombylius major</i>        | ✓ | ✓ |  |   |   |  | ✓ | ✓ |   |
| 6 | Potter Wasp              | <i>Eumenidae sp.</i>          |   |   |  |   |   |  |   |   | ✓ |
| 7 | Carpenter Bee            | <i>Xylocopa violacea</i>      |   |   |  |   |   |  | ✓ | ✓ |   |



|    | Common name              | Scientific name               | April |    |    |    |    |    |    |    |
|----|--------------------------|-------------------------------|-------|----|----|----|----|----|----|----|
|    |                          |                               | 20    | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 8  | Ginger Bumblebee         | <i>Bombus hypnorum</i>        |       |    |    | ✓  |    |    | ✓  |    |
| 9  | a Dung Beetle            | <i>Scarabaeus sp</i>          |       | ✓  |    | ✓  |    |    |    |    |
| 10 | Flower Chafer            | <i>Oxythyrea funesta</i>      | ✓     | ✓  | ✓  | ✓  | ✓  | ✓  | ✓  |    |
| 11 | Spotted Longhorn Beetle  | <i>Morimus funereus</i>       |       |    |    |    |    |    |    | ✓  |
| 12 | Black and red shield bug | <i>Graphisoma lineata</i>     |       |    |    | ✓  |    |    | ✓  |    |
| 13 | Giant Centipede          | <i>Scolopendra cingulatus</i> |       |    | ✓  |    |    |    |    |    |
| 14 | Scorpion                 | <i>Buthus occitanicus</i>     |       | ✓  |    |    |    |    |    |    |
| 15 | European Wolf Spider     | <i>Lycosa tarantula</i>       |       |    |    |    |    |    |    |    |
| 16 | Roman Snail              | <i>Helix pomatia</i>          |       |    |    |    |    |    |    |    |

### Mammals

|   |         |                      |  |  |  |   |  |  |  |  |
|---|---------|----------------------|--|--|--|---|--|--|--|--|
| 1 | Red Fox | <i>Vulpes vulpes</i> |  |  |  | ✓ |  |  |  |  |
|---|---------|----------------------|--|--|--|---|--|--|--|--|

### Herptiles

|   |                     |                             |   |   |   |   |   |   |   |   |
|---|---------------------|-----------------------------|---|---|---|---|---|---|---|---|
| 1 | Green Lizard        | <i>Lacerta viridis</i>      |   |   |   | ✓ |   |   |   |   |
| 2 | Common Wall Lizard  | <i>Podarcis muralis</i>     |   |   |   | ✓ |   |   |   |   |
| 3 | Italian Wall Lizard | <i>Podarcis sicula</i>      | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 4 | Three-toed Skink    | <i>Chalcides chalcides</i>  |   | ✓ |   | ✓ |   |   |   |   |
| 5 | Western Whip Snake  | <i>Coluber viridiflavus</i> |   |   |   | ✓ |   | ✓ | ✓ |   |

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A very unusual form of the Sawfly Orchid lacking the pink pigments.



This spike of the Giant Orchid had several very well camouflaged Shield Bugs moving around amongst the flowers.