

# Flowers of Italy's Gargano Peninsula

Naturetrek Tour Report

16 - 23 April 2012

---



Small-patterned Ophrys *Ophrys parvimaculata*



Scarce Swallowtail



Apulian Ophrys *Ophrys apulica*

Report and images compiled by Andrew Cleave MBE



Naturetrek Cheriton Mill Cheriton Alresford Hampshire SO24 0NG England

T: +44 (0)1962 733051

F: +44 (0)1962 736426

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

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

Tour leader:                    Andrew Cleave                    Naturetrek Botanist  
   Lee Morgan                        Naturetrek Naturalist

Participants:                    Bob Parker  
   Heather Parker  
   Edwina Beaumont  
   Alan Beaumont  
   Julian Comrie  
   Helen Comrie  
   Sophie Meade  
   Rachel Meade  
   David Hartill  
   Naren Shah  
   Rosemary Shah  
   Bill Furse  
   Jean Connor  
   Dorothy Iveson  
   Anthony Earl

## Introduction

We enjoyed a week of mostly sunny weather, but with some very cold winds at first and occasional brief showers. Fleeces and waterproofs were needed at the start of the week, but we had increasing spells of warm sunshine which encouraged butterflies out on to the wing, lizards on to the rocks and a range of insects such as bee flies and aescalaphids to emerge as well. The orchids, as expected, were the stars of the week's botanising, with just over 40 species found, but we had plenty of opportunities to study some of the other rich flora of the region, with some spectacular displays of Wild Tulips, Poet's Narcissi, Anemones, Cyclamens Giant Fennel, Field Marigolds and Crown Daisies. Many more typical Mediterranean species were found and photographed during the week, including some endemics, and a number of British rarities. The newly-opened leaves on the trees in the forests provided a little light shade and the woodland ground flora was extraordinarily colourful. Butterflies on the wing during week included several species of Blues, Scarce Swallowtails, Clouded Yellows and Cleopatras, and there were many good sightings of Italian Wall Lizards, the males being especially conspicuous with their green head markings. Other herptiles included some very vocal toads in the stream at Peschici and a few sightings of Green Lizard on sunny days.

For the bird-watchers there were good opportunities to see some of the typical warblers of the area with Sub-alpine and Sardinian Warblers being especially vocal, and Serins putting on a good display near the hotel. In most wooded areas we could hear Nightingales singing and Cuckoos calling, and at Peschici we had some superb views of a flock of Alpine Swifts which chattered their way over the harbour and around the hotel. On our final day on the coast we had some new coastal plants and some very good bird-watching with excellent close views of a good range of waders, egrets and gulls, including some nicely-coloured Slender-billed Gulls.

## Day 1

Monday 16th April

Weather: Rain on arrival. 9°C

After some delays at Gatwick the evening flight arrived more or less on time. The group soon collected their luggage and assembled outside the arrivals hall where Andrew was waiting, having just completed one week in Gargano with another group. Lee completed the formalities for collecting his mini-bus, which was parked about 250m away, so we were able to load up and head off on the two hour journey to Monte Sant'Angelo. The main roads were clear and we had an uneventful journey. On arrival at the Palace Hotel, despite the hour, the night staff were waiting for us with a light meal and some drinks, and were very helpful in sorting out our rooms which were in the adjacent building.

## Day 2

Tuesday 17th April

Weather: Low cloud and fog at first, with a cold wind, but clearing later. 7°C

We all met again at breakfast, and Anthony, who had arrived independently, joined the rest of the group. Lee and Andrew did some shopping for lunch ingredients at the local supermarket, so we were ready for the day at about 09 20. Our first taste of the Gargano flora was at the side of the road, only a few minutes drive from the hotel, along the narrow road leading to the nearby Pulsano Monastery. Even before getting out of the mini-buses, a few small orchids were spotted, including the tiny form of the Yellow Bee Orchid, *Ophrys sicula*, and the endemic *Ophrys garganica*. Despite the cold wind everyone spread out over the hillside searching carefully, and many more orchid species were found, growing amongst the bright yellow flowers of *Alyssum saxatile* and Horseshoe Vetch *Hippocrepis comosa*. The most striking orchid on show was the Pink Butterfly Orchid *Orchis papilionaceae*, although many blooms were now beginning to fade, and scattered amongst them were spikes of the Green-veined Orchid *Orchis morio*. We were also able to find a few of the hybrids between these two species.

Further up the slope the prickly cushions of the Spiny Spurge *Euphorbia acanthocammos* caught our attention and they turned out to be delicately scented – if approached with caution. A few blue butterflies were spotted here, immobile in the cold conditions, and thus very photogenic. More of the variants of the Early Spider Orchid *Ophrys sphegodes* were found on the higher slopes and there were plenty of opportunities for photography. Moving further along the road, we parked beside a little copse of Hornbeams and Hazels and checked the slopes leading up to the radio mast. Here we added some fine Milky Orchids *Orchis lactea* to the list as well as more *Ophrys* species and a few Man Orchids *Orchis anthroporum*.

We then drove further along the road to the Monastery, admiring the fields of Asphodel and the blossom on the Almond-leaved Pear *Pyrus amygdaliformis* trees along the way. This was a good spot for our first picnic lunch and we were able to sample the freshly baked bread, many of the local cheeses, Italian prosciutto and salami, the delicious tomatoes, fennel and peppers and some local wines from the Puglia region. The walls of the monastery supported some interesting plants, including Henbane, *Hyoscyamus niger* and we found the endemic Pale Goldendrops *Onosma lucana* in its usual site on the edge of the gorge. Anthony kindly interpreted the information boards for us, and we learnt much about the long history of the monastery and its restoration. The caves used by the first monks over a thousand years ago had been restored and brought up to date with data projectors and a modern A/V system. The three species of Asphodel all grow in the same spot here, and we also found a few plants of Ground Pine *Ajuga chamaepitys* amongst the rocks.

A walk down the wide track behind the monastery led us to a fine colony of Bumble-bee Orchids *Ophrys bombyliflora* and some newly-opened Late Spider Orchids *Ophrys fuciflora*. Two Blue Rock-thrushes sang from opposite sides of the gorge and a Sub-alpine Warbler scolded from cover very close to the path. We were sheltered from the cold wind here and, like the butterflies, we enjoyed the sunshine. After a very busy day, with lots of exciting new plants for everyone we returned to the hotel and discussed our finds and the plans for the next day before a very pleasant evening meal.

## Day 3

Wednesday 18th April

Weather: Sunny for most of the day, with a cold wind. 14°C

After Andrew and Lee had collected the provisions for lunch we loaded up the two mini-buses and took the steeply descending road out of town towards San Giovanni Rotondo. Our first stop of the day was in the valley below where we looked in the cultivated fields alongside the road. This area was an unlikely habitat for the Wild Tulip *Tulipa sylvestris* and thousands of bright yellow blooms were spotted growing amongst the cereal crops. A few spikes of Wild Gladiolus *Gladiolus italicus* were also noted and on the stony margins Cotswold Pennycress *Thlaspi perfoliata* was flowering, and there were the remains of Winter Aconite *Eranthis hyemalis* as well. The next roadside stop, a few miles further on, enabled us to find more of the open habitat *Ophrys* species, including more of the very confusing Early Spider Orchid *Ophrys sphegodes* group. Lovely displays of Irises *Iris pseudopumila* caught our eye as we pulled up, and a short walk towards a little copse revealed some of the endemic Violas *Viola heterophylla* ssp *graeca*. A few spikes of Burnt Orchid *Orchis ustulata* were found, as well as some rather scruffy-looking Giant Orchids *Himantoglossum robertianum*.

Driving on a short distance towards the forest enabled us to find a stand of the beautiful wild Peony *Paeonia mascula*, with a few buds still in good condition, on a lightly wooded bank which also had Tassel Hyacinth *Muscari comosa* and the curious Black-eyed Bean *Vicia melanops*. The winding, single-track road into the forest gradually turned into a stony track with steep banks lined with ferns, mosses and liverworts. We stopped for our picnic in a lovely clearing in the woods where picnic tables and litter bins had been provided, and the only sounds were cow bells and bird song – we had the woodland to ourselves. Amongst the ground flora we found several interesting species, including Coralroot Bittercress *Cardamine bulbifera*.

After our picnic lunch we set off to walk through the forest towards the Piscina Pantolfe. Firecrests and Nuthatches were calling from the ivy-covered trees, a Short-toed Treecreeper was watched by several of the group, and there were distant calls of Cuckoo and Green Woodpecker. We wandered through the forest and came to a stony hillside where *Iris lutescens* was flowering in profusion and other sun-loving species were found amongst the rocks, including plenty of the Yellow Gagea *Gagea (lutea)*. A single dried-up seed head of the Bird's-nest Orchid was spotted alongside the track, but more eye-catching was the abundance of the curious Bird-in-a-bush *Corydalis solida*. A lizard-like creature on the path, approached with caution and photographed by many, caused some confusion at first, and embarrassment later when it turned out to be a child's toy – a very convincing plastic dinosaur!!

On returning to the vehicles we drove slowly out of the forest, stopping to photograph the Naricissi at one spot where they were particularly showy. Anthony's services were employed again as he interpreted the information signs about the re-introduction of the wolf to the forests of Gargano. We did not see any wolves but we did watch both cattle and goats in the forest.

After a full day in the beautiful woodlands we drove back to Monte Sant'Angelo in time for some sightseeing in the town. We discussed our finds before the evening meal and then made plans for the next day.

## Day 4

Thursday 19th April

Weather: Sunny for most of the day. 14°C

Our plan for Thursday was to visit the well-known botanical site of Monte Sacro, and we made an early start, stopping at the shops for lunch provisions on the way. The route to Mattinata involves a long drive down a road made up of continuous hairpin bends, but with lovely views of the Gargano landscape and the coast. We were able to pull off the road at one point to photograph the Mallow-leaved Bindweed *Convolvulus althaeoides* which was flowering profusely on a sunny verge amongst other colourful and aromatic roadside herbs. A splendid spike of the Ploughshare Tongue-orchid *Serapias vomeracea* was found on the roadside along with some very fine specimens of the endemic *Ophrys garganica*. The terraced hillsides covered with ancient Olive trees were very photogenic and several new species were added to the list with a little exploration in this area. It was difficult to drag everyone away to get to the next site.

Mattinata is by-passed with tunnels, underpasses and roundabouts, before another very steep road with more hairpin bends ends at the starting point for a walk up Monte Sacro – a very well-known stony hill with a rich and fascinating flora. We arrived in time to make use of the limited parking here, and were shortly followed by a coach party of Dutch botanists who were also keen on orchids and other flora. We followed the well-trodden path, but there was so much to see on the way that we only made it as far as the start of the pine forest. A new species for the week's list was the Four-spotted Orchid *Orchis quadripunctata*, and in addition there were a few very photogenic Spectacled Orchids *Ophrys biscutella* and some confusing hybrids. A few more Man Orchids *Orchis anthropophora* were seen amongst the rocks. Just before reaching the pine woodland on the steep slope a large patch of Sparse-flowered Orchids *Orchis pauciflora* and Four-spotted Orchids *Orchis quadripunctata* were found. We had our picnic back at the road and listened to the Nightingales and Cuckoos.

After driving back around Mattinata we parked at the start of the track to Monte Saraceno, an impressive limestone outcrop and important archaeological site overlooking the sea and a valley filled with Olive and Citrus groves. Our walk along the track produced three species of Cistus (*C. salvifolius*, *creticus* and *monspeliensis*) growing in close proximity, which made for easy identification, although the Pink Cistus was not flowering very freely here. More orchids, including *Ophrys melena* and *Ophrys fusca* were found along the track, and there were some good butterfly sightings, including the Scarce Swallowtail, Clouded Yellow and Baton Blue. The dozens of chambered tombs, dating from about 1000BC, and carved out of the solid limestone in the shape of inverted cones, proved to be very interesting, and some of them supported colonies of Maidenhair Fern *Adiantum capillus-veneris*. A chat with the farmer tending the sheep and goats at the end of the track (thanks to Anthony) helped us to understand how these animals were managed. It turned out that the fleeces were of no value and were burnt each year.

We returned to the hotel in plenty of time to enjoy the sunny views of the Gulf of Manfredonia below the town, do some more sight-seeing in the maze of streets, and discuss the day's activities before our evening meal.

## Day 5

Friday 20th April

Weather: Sunny spells at first, but with some brief heavy showers and a stiff breeze later. 11°C

Andrew and Lee did the morning's shopping as usual, and we delayed the departure from the hotel in order to allow time to visit the Castle bookshop to find maps and orchid books. We then juggled the mini-buses around leaving one at each end of the Pilgrim's Path. This pleasant walk follows the ancient route taken by pilgrims visiting the grotto and other religious sites in the town. More orchids were found alongside the path, and the charming little Spring Rock-cress *Arabis verna* was flowering profusely here. Near the bottom of the path there was a lovely display of Widow Irises *Hermodactylus tuberosus* and still more *Ophrys* species in good condition.

Once then set off for the Bosco Quarto where we stopped at a woodland picnic site. A Nightingale sang from the bramble patch beside the minibus, which was also sheltering a Peony in perfect condition. One or two crocuses, reluctant to open in the shade, were also spotted here. Whilst lunch was being prepared the group wandered along a quiet forest track admiring the extensive displays of *Anemone appennina*, *Narcissus poeticus* and *Euphorbia amygdaloides*. A few Roman Orchids *Dactylorhiza romana* were found here, and amongst them were some good specimens of the Elder-flowered Orchid *Dactylorhiza sambucina*.

After our picnic, and another stroll through the forest, we were alerted to some frantic calling from the tree-tops and were treated to a very good display by a Middle-spotted Woodpecker which was easy to see as the leaf canopy had not fully opened here. We drove further on through the forest and our last stop of the day was near an isolated restaurant, apparently closed, where we wandered around some gardens and un-inhabited houses looking for more orchids in the clearings. We found plenty of Roman Orchids here, many of them growing in profusion on abandoned lawns and behind chained gates. One lawn sported a lovely display of *Anchusa cretica*, and we also found one or two more Elder-flowered Orchids and plenty of leaves and tight buds of the Common Spotted Orchid *Dactylorhiza fuchsii*. Here it was apparent that any form of woodland or farm management had ceased a few years previously and the scrub was advancing rapidly to the obvious disadvantage of the ground flora. One of the trees spreading freely in this area was the Wild Service Tree *Sorbus torminalis*. We returned to Monte Sant'Angelo by the same route, spotting various woodland birds on the way, including a number of Jays.

## Day 6

Saturday 21st April

Weather: Sunny for most of the day, and much warmer. 21°C

Andrew and Lee did the usual shopping trip after breakfast and then we packed up and left the hotel after a little more sight-seeing in the town. We drove into the Foresta Umbra, the "shady forest" which is composed largely of dense groves of beech and hornbeam. We broke the journey at a little track which led into a plantation of pines where there were many of the now familiar orchids in flower, including some good specimens of Italian Man Orchids *Orchis italica* and still more of the various 'Bee' orchids, including the endemic *Ophrys promontorii*. The calm, sunny conditions were conducive to more photography, and as well as the orchids there were some very obliging butterflies to be seen as well. We were pleased to find some good specimens of Bertoloni's Bee Orchid *Ophrys bertolonii* here, our first sighting of this very attractive species for the week.

Our next stop was at a roadside picnic spot which gave the opportunity for the group to walk through the forest where there were many species of ferns growing in deep hollows, and the rare British lichen, Tree Lungwort *Lobaria pulmonaria* on the trunks of trees along the path. Various garlic-scented species were encountered here, including the British native, Ramsons *Allium ursinum*. At a little woodland lake a Red-eared Terrapin and large congregations of tadpoles were seen, although woodland and water birds were rather scarce.

After lunch we continued our drive through the forest, pausing to watch some Fallow Deer in an enclosure, and then at a pull-off several miles down the road we stopped to admire a lovely display of the attractive Spring Cyclamen *Cyclamen repandum* growing on steep slopes, where there were a few more British native species, including Fiddle Dock *Rumex pulcher* and Stinking Iris *Iris foetidissima*. The opposite side of the road, in full sun, supported colourful displays of Scorpion Vetch *Coronilla sp* trailing down the bank. Having left the forest, we arrived on the drier coastal plains, passing through Olive and Citrus groves before we stopped at the aptly named "Fly-tip Stop" where we found still more *Ophrys* and *Serapias* species, including *Serapias lingua*.

We followed the increasingly winding road to eventually reach the scenic fishing harbour of Peschici where we checked in to the Hotel Elisa, which is in a lovely position close to the beach. After the usual formalities most of the group explored the town and harbour, enjoying the wonderful views and sunny weather. Some of the local fishing boats and their crew made good subjects for photography. Alpine Swifts were very much in evidence and the day ended with a colourful sunset as we sat on the terrace going over the day's findings. Our evening meal was a splendid selection of the local seafood and vegetables, all freshly prepared by the proprietor.

## Day 7

Sunday 22nd April

Weather: Sunny for most of the day, with some high cloud and a strong breeze. 21°C

As it was Sunday there was no chance to go shopping so we made an earlier start and drove west out of Peschici, along the steep and twisting roads, stopping at one high point to look down over the cliffs at the Trabucco – the complicated arrangement of nets and poles used to catch fish from the rocks. The next stop was to enable us to photograph the superb display of Lady Orchids *Orchis purpurea* growing in an olive grove. Over 100 spikes were counted and they were in perfect condition so it was hard to tear ourselves away. We eventually reached a highway, which enabled us to get to the west of the peninsula where we rejoined the twisty roads once more. Here we headed inland to explore the Bosco de Spinapulci - "Forest of the Spiny Flea", a high limestone plateau with forests and meadows, but few settlements.

Before reaching the plateau we stopped for a while on a farm lane where the elegant Purple Mullein *Verbascum phoenicium*, was flowering, and close by we found Honeywort *Cerinth major* and wild Asparagus, the plant which we had noted on sale on the roadsides on our journey. Pyramidal Orchids *Anacamptis pyramidalis* were just starting to open up, and yet more of the *Ophrys sphegodes* group were found along the lane. Sub-alpine Warblers were very vocal in the scrub alongside the road and a few Swifts were noted overhead. Further on we stopped in a disused quarry where more of the Spring Cyclamen was in flower, and the two new orchid species for the week were the Small-patterned *Ophrys parvimaclulata* and the Provence Orchid *Orchis provincialis*. Various prickly shrubs hampered us here, especially the aptly named Christ's Thorn *Paliurus spina-christi*.

We then drove up onto the limestone plateau on a very rough track where a lovely grassy picnic spot near a shepherd's hut overlooking the wooded valleys on either side was a good vantage point for exploring this area.

The target species here was the Heart-flowered Tongue-orchid *Serapias cordigera*, which was proving to be elusive this year, but with so many pairs of eyes looking for it, a couple of very fine specimens were soon found by Rachel and Sophie. More *Orchis* spp were located, and the curious Birthwort *Aristolochia rotunda* was common in the woods. The Cyclamens here were flowering prolifically and scenting the air. Several stands of Provence Orchids were flowering well in the shade of Turkey Oaks *Quercus cerris*. A perfect Sawfly Orchid *Ophrys tenthredinifera* seen and photographed a week ago was still flowering well in the same spot.

After lunch, we strolled further along the road, spotting more *Ophrys* spp and some good specimens of the lemon-yellow hawkweed *Urospermum dalechampii*. Two sharp-eyed members of the group were fortunate enough to see a Wild Boar in the valley below, whilst others were occupied with photographing butterflies and a very well-behaved Aescalaphid. We returned to the main highway and then made our way back to Peschici. Another delicious seafood supper followed and we had plenty of entries to add to our records for the trip.

## Day 8

Monday 23rd April

Weather: Some sunny spells, clouding over later. 19°C

This morning we had to pack up and leave Peschici as this was our final day in Gargano, but as our flight from Bari was late in the evening there was no need to rush. A brief walk along the shore produced sightings of a single Common Sandpiper and many Yellow-legged Gulls, with a Sardinian Warbler spotted in its usual haunt near the hotel. Once packed and loaded our route took us east towards Vieste and we drove through extensive olive groves and a patchwork of small fields. Birds spotted on the journey included Buzzard, Kestrel and Hoopoe.

We continued following signs to Mattinata and took the coast road, the Littoranea, which provided many lovely views, although not very many places to stop. We did pull off at one sunny area of Olive groves where the star attraction turned out to be a most obliging Scarce Swallowtail which posed perfectly for all who wanted to photograph it. Eventually we came to a familiar stretch of road at Mattinata, before finally arriving at the low-lying coastal plain with its reed beds and salt pans, and extensive market gardens. We managed to avoid some confusing road diversions around the road works and followed the minor roads with verges and fields colourful with Giant Fennel and Crown Daisies. We stopped close to the sea for our picnic at some abandoned salt pans where there was some excellent bird-watching. Greater Flamingos, Great and Little Egrets, Purple Heron, Spoonbill, Slender-billed Gulls and numerous waders, including Ruff, Avocet, Black-winged Stilts, Kentish Plovers and Marsh Sandpipers were easily seen, and passerines included Crested Lark, Black-headed Wagtail and Fan-tailed Warbler (*Zitting Cisticola*).

A coffee stop in Zaponetta was very welcome and then we pulled in at another salt-pan area where we were treated to excellent views of more wetland birds. A coach party of Italian primary school children were having a talk on salt pans and coastal birds, and seemed to be very enthusiastic, some asking to borrow binoculars for a look at the Flamingos. We finally had to leave for the airport, and after dropping Anthony off at his bus-stop in Margherita de Savoia we arrived at Bari Airport in plenty of time to sort out the luggage and have a meal before our flight back to London. This was on time, the flight was un-eventful, and our luggage arrived safely, and so we said our farewells at Gatwick before dispersing.



## Receive our e-newsletter

Join the Naturetrek e-mailing list and be the first to hear about new tours, additional departures and new dates, tour reports and special offers. Visit [www.naturetrek.co.uk](http://www.naturetrek.co.uk) to sign up.

## 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!



Slender-billed Gull



2012 Naturetrek Group – Photographer queue!

## Species List

### Plants

<b>Scientific name</b>	<b>Common name</b>	<b>Habitat/location/most frequent site</b>
<b>PTERIDOPHYTES</b>		
<b>FERNS AND ALLIES</b>		
<i>Selaginella denticulata</i>	Mediterranean Clubmoss	Damp rocks, Monte Sacro,
<i>Adiantum capillus-veneris</i>	Maidenhair Fern	Ancient tombs, Monte Saraceno
<i>Asplenium adiantum-nigrum</i>	Black Spleenwort	Shaded rocks and damp walls, common
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	Rocks and walls, Bosco Quarto
<i>Ceterach officinarum</i>	Rustyback Fern	Rocks and walls, common
<i>Phyllitis scolopendrium</i>	Hart's-tongue Fern	Foresta Umbra
<i>Pteridium aquilinum</i>	Bracken	Roadsides, hedgerows, Foresta Umbra
<i>Dryopteris dilatata</i>	Broad-buckler Fern	Foresta Umbra
<i>Polystichum setiferum</i>	Soft Shield Fern	Foresta Umbra, common on walls
<i>Polypodium vulgare</i>	Polypody	Scarce on shady rocks, Bosco Quarto
<i>Cystopteris fragilis</i>	Brittle Bladder Fern	Scarce, shady banks, Bosco Quarto
<b>PINOPSIDA GYMNOSPERMS</b>		
<b>CONIFERS</b>		
<i>Cupressus sempervirens</i>	Italian Cypress	Roadsides, towns, gardens, Pulsano
<i>Juniperus oxycedrus</i>	Prickly Juniper	Rocky hillsides, scattered throughout
<i>Pinus halapensis</i>	Aleppo Pine	Cliffs, rocky slopes, Monte Saraceno
<i>Pinus pinaster</i>	Maritime Pine	Widespread, coastal areas
<i>Pinus pinea</i>	Stone Pine	Lowland areas nr Mattinata, etc
<i>Taxus baccata</i>	Yew	Foresta Umbra, scattered
<b>ANGIOSPERMS</b>		
<b>FLOWERING PLANTS</b>		
<b>Acanthaceae</b>		
<i>Acanthus mollis</i>	Bear's-breech Family Bear's-breech	Monte Sant'Angelo
<b>Aceraceae</b>		
<i>Acer platanoides</i>	Maple Family Norway Maple	Bosco Quarto
<i>Acer pseudoplatanus</i>	Sycamore	Forests and roadsides,
<i>Acer obtusatum</i>	Bosnian Maple	Monte Sacro, stony hillside, scarce
<i>Acer opalus</i>	Italian Maple	Bosco Quarto, scattered sites
<b>Aizoaceae</b>		
<i>Carpobrotus acinaciformis</i>	Dew-plant Family Red Hottentot Fig	Walls nr Monte Sant'Angelo, Pulsano
<b>Anacardiaceae</b>		
<i>Pistachia lentiscus</i>	Sumach Family Mastic Tree	Stony hillsides, common
<i>Pistacia terebrinthus</i>	Turpentine Tree	Stony hillsides and scrub, common
<b>Apiaceae (Umbelliferae)</b>		
<i>Conium maculatum</i>	Carrot Family Hemlock	Roadsides
<i>Crithmum maritimum</i>	Rock Samphire	Peschici Harbour and rocks
<i>Conopodium (majus)</i>	Pignut	Bosco Quarto, leaves only
<i>Daucus carota</i>	Wild Carrot	Roadsides, rocky slopes
<i>Eryngium campestre</i>	Field Eryngo	Stony hillsides, leaves only
<i>Ferula communis</i>	Giant Fennel	Roadsides, common nr coast
<i>Laserpitium latifolium</i>	Broad-leaved Sermountain	Bosco Quarto, leaves only

<b>Scientific name</b>	<b>Common name</b>	<b>Habitat/location/most frequent site</b>
<i>Orlaya grandiflora</i>	Orlaya	Roadsides, stony areas, common
<i>Sanicula europaea</i>	Sanicle	Foresta Umbra, scarce
<i>Scandix pecten-veneris</i>	Shepherd's Needle	Stony hillsides, field margins, common
<i>Smyrniium rotundifolium</i>	Perfoliate Alexanders	Monte Sacro, Peschici
<i>Smyrniium (olusatrum)</i>	Alexanders	Peschici
<i>Thapsia garganica</i>	Thapsia	Open hillsides, leaves only
<i>Tordylium apulum</i>	Tordylium	Stony ground, widespread
<i>Torilis arvensis</i>	Spreading Hedge Parsley	Monte Sant'Angelo
<b>Apocynaceae</b>	<b>Periwinkle Family</b>	
<i>Nerium oleander</i>	Oleander (leaves only)	Monte Saraceno, Pulsano monastery
<i>Vinca major</i>	Periwinkle	Roadsides, shrubby areas, nr Peschici
<b>Araliaceae</b>	<b>Ivy Family</b>	
<i>Hedera helix</i>	Ivy	Monte Sacro, Foresta Umbra
<b>Aquifoliaceae</b>	<b>Holly Family</b>	
<i>Ilex aquifolium</i>	Holly	Bosco Quarto, Foresta Umbra
<b>Aristolochiaceae</b>	<b>Birthwort Family</b>	
<i>Aristolochia rotunda</i>	Birthwort	Bosco de Spinapulci, very common,
<b>Asclepiadaceae</b>	<b>Milkweed Family</b>	
<i>Vincetoxicum hirsutifolium</i>	Swallow-wort	Roadsides, tracks, quarries, leaves only
<b>Asteraceae (Compositae)</b>	<b>Daisy Family</b>	
<i>Andryala integrifolia</i>	Andryala	Roadsides, tracks, fields, leaves only
<i>Artemisia absinthium</i>	Wormwood	Roadsides, foliage only
<i>Bellis perennis</i>	Daisy	Short grassland, tracks, very common
<i>Bellis sylvestris</i>	Southern Daisy	Grassland, woodland rides, common
<i>Calendula arvensis</i>	Field Marigold	Cultivated areas, common
<i>Carduus chrysacanthus</i>	Apennine Thistle	Stony hillsides, foliage only
<i>Centaurea cyanus</i>	Perennial Cornflower	Bosco Quarto, scarce
<i>Cirsium eriophorum</i>	Woolly Thistle	Stony hillsides, leaves only
<i>Crepis rubra</i>	Pink Hawksbeard	Stony hillsides, open areas, common
<i>Crupina crupinastrum</i>	Crupina	Open, rocky areas, mostly foliage
<i>Dittrichia viscosa</i>	Woody Fleabane	Bosco Quarto, foliage only
<i>Doronicum columnae</i>	Heart-leaved Leopard's-bane	Woodlands, common in damper areas
<i>Doronicum plantagineum</i>	Leopard's-bane	Bosco Quarto, frequent
<i>Evax pygmaea</i>	Evax	Open, stony areas, damp patches
<i>Galactites tomentosa</i>	Galactites	Widespread, open areas
<i>Glebionis coronarium</i>	Crown Daisy	Monte Sant'Angelo
<i>Chrysanthemum segetum</i>	Corn Marigold	Roadsides, cultivated areas, frequent
<i>Helichrysum stoechas</i>	Curry Plant	Cistus scrub, hillsides, olive groves
<i>Hyoseris radiata</i>	A 'dandelion'	Widespread, cultivated and waste areas
<i>Inula verbascifolia</i>	Mullein-leaved Spikenard	Cistus scrub areas, foliage only
<i>Pallenis spinosa</i>	Pallenis	Monte Sant'Angelo, Monte Sacro
<i>Scorzonera villosa</i>	Hairy Viper's-grass	Roadsides, verges
<i>Silybum marianum</i>	Milk Thistle	Roadsides, verges, dry areas
<i>Sonchus asper</i>	Prickly Sow-thistle	Roadsides, waste ground
<i>Tragopogon hybridum</i>	A Goat's-beard	Roadsides
<i>Tragopogon sinuata</i>	A Goat's-beard	Roadsides
<i>Urospermum dalechampii</i>	Urospermum	Open, sunny areas, stony ground
<i>Xanthium strumarium</i>	Spiny Cocklebur	Coastal salt pans, beaches

<b>Scientific name</b>	<b>Common name</b>	<b>Habitat/location/most frequent site</b>
<b>Betulaceae</b>		
<i>Corylus avellana</i>	Hazel	Foresta Umbra, Bosco Quarto
<i>Carpinus orientalis</i>	Hornbeam	Foresta Umbra, Bosco Quarto
<i>Ostrya carpinifolia</i>	Hop Hornbeam	Monte Sant'Angelo
<b>Boraginaceae</b>		
<i>Alkanna lehmanii</i>	Dyer's Alkanet	Monte Sant'Angelo
<i>Anchusa cretica</i>	blue-flowered' Anchusa	meadows nr Piscina Pantolfe
<i>Borago officinalis</i>	Borage	Sunny, open areas, common
<i>Lithospermum purpureocaerulea</i>	Purple Gromwell	Stony hillsides, widespread,
<i>Cerinthe major</i>	Honeywort	Roadside stop, day 7
<i>Echium italicum</i>	Pale Bugloss	Roadside stop, day 7
<i>Echium plantagineum</i>	Purple Viper's Bugloss	Stony hillsides, roadside verges
<i>Echium vulgare</i>	Viper's Bugloss	Roadsides, verges, stony slopes
<i>Myosotis arvensis</i>	Field Forget-me-not	Bosco Quarto
<i>Myosotis discolor</i>	Changing Forget-me-not	Bosco Quarto
<i>Myosotis ramossissima</i>	(Small) Forget-me-not	Monte Sant'Angelo
<i>Myosotis sylvatica</i>	Wood Forget-me-not	Bosco Quarto, Foresta Umbra
<i>Onosma lucana</i>	Pale Goldendrops	Pulsano Monastery. <i>Endemic</i>
<i>Pulmonaria montana</i>	Mountain Lungwort	Foresta Umbra
<i>Pulmonaria officinalis</i>	Common Lungwort	Bosco Quarto, Foresta Umbra
<b>Brassicaceae (Cruciferae)</b>		
<i>Cardamine bulbifera</i>	Coralroot Bittercress	Bosco Quarto, Foresta Umbra
<i>Cardamine plumieri</i>	Ivy-leaved Bittercress	Foresta Umbra, Bosco Quarto
<i>Aethionema saxatile</i>	Burnt Candytuft	Hillsides near Monte Sant'Angelo
<i>Arabis verna</i>	Spring Rock Cress	Monte Sacro, Monte Sant'Angelo
<i>Biscutella didyma</i>	Biscutella	Monte Sacro, stony hillsides, Pulsano
<i>Arabis caucasica</i>	Garden Rockcress	Monte Sant'Angelo
<i>Arabis turrita</i>	Tower Mustard	Monte Sant'Angelo
<i>Aubrieta columnae</i>	Aubrieta	Monte Sant'Angelo, walls and steps
<i>Alyssoides sinuata</i>	Alyssoides	Pulsano Monastery, on walls
<i>Sisymbrium officinale</i>	Hedge Mustard	Roadsides
<i>Capsella bursa-pastoris</i>	Sherpherd's Purse	Roadsides, bare ground, common
<i>Isatis tinctoria</i>	Woad	Roadsides, common
<i>Raphanes raphanistrum</i>	Wild Radish	Roadsides, cultivated areas
<i>Lepidium draba</i>	Hoary Cress	Roadsides, tracks, Pulsano monastery
<i>Alliaria petiolata</i>	Garlic Mustard	Roadsides, verges, Bosco Quarto
<i>Bunias erucago</i>	Warty Cabbage	Scarce, stony ground, Pulsano
<i>Alyssum saxatile</i>	Yellow Alyssum	Stony hillsides, very common
<i>Thlaspi (perfoliata)</i>	(Cotswold) Penny-cress	Tulip field nr Monte Sant'Angelo
<b>Cactaceae</b>		
<i>Opuntia ficus-indica</i>	Prickly Pear Cactus	Gardens, Monte San Angelo, Peschici
<b>Campanulaceae</b>		
<i>Campanula garganica</i>	Gargano Bellflower	Pulsano, Castle walls, Monte Sant'Angelo
<i>Campanula erinus</i>	Bellflower	Rocky areas, scarce, leaves only
<b>Caprifoliaceae</b>		
<i>Lonicera etrusca</i>	Etruscan Honeysuckle	Hedgerows, scarce
<i>Lonicera periclymenum</i>	Honeysuckle	Hedgerows, woods, common
<i>Sambucus ebulus</i>	Dwarf Elder, Danewort	Stony ground, Pulsano, leaves only
<i>Sambucus nigra</i>	Elder	Widespread, hedgerows, field margins

<b>Scientific name</b>	<b>Common name</b>	<b>Habitat/location/most frequent site</b>
<b>Caryophyllaceae</b>		
<i>Cerastium fontanum</i>	Common Mouse-ear	Roadsides, waste ground
<i>Cerastium glomeratum</i>	Sticky Mouse-ear	Roadsides, waste ground
<i>Minuartia (trinerva?)</i>	A Sandwort sp	Bosco Quarto, quarry stop Day 7
<i>Silene conica</i>	Sand Catchfly	Monte Sant'Angelo
<i>Silene gallica</i>	Small-flowered Catchfly	Peschici
<i>Silene italica</i>	Italian Catchfly	Stony areas, common, Monte Saraceno
<i>Silene latifolia</i>	White Champion	Roadsides, cultivated areas, hedgerows
<i>Silene vulgaris</i>	Bladder Champion	Roadsides
<i>Stellaria media</i>	Common Chickweed	Bosco Quarto
<i>Stellaria nemorum</i>	Wood Stitchwort	Foresta Umbra, Bosco Quarto
<b>Celastraceae</b>		
<i>Euonymus europaeus</i>	<b>Spindle Family</b> Spindle	Roadsides, Foresta Umbra
<b>Cistaceae</b>		
<i>Cistus creticus</i>	<b>Rock-rose Family</b> Pink Cistus	Monte Sacro, roadsides nr Peschici
<i>Cistus monspeliensis</i>	Narrow-leaved Cistus	Monte Saraceno
<i>Cistus salvifolius</i>	Sage-leaved Cistus	Monte Saraceno
<i>Helianthemum apenninum</i>	White Rock-rose	Monte Sant'Angelo
<i>Helianthemum oelandicum ssp canum</i>	Hoary Rock-rose	Monte Sant'Angelo
<i>Helianthemum nummulariam</i>	Rock-rose	Monte Sant'Angelo
<b>Convolvulaceae</b>		
<i>Calystegia sepium</i>	<b>Bindweed Family</b> Hedge Bindweed	Roadsides, hedgerows
<i>Convolvulus althaeoides</i>	Mallow-leaved Bindweed	Roadsides, stony ground, common
<i>C. althaeoides ssp tenuissimus</i>	Mallow-leaved Bindweed sp	Roadsides, stony ground
<b>Crassulaceae</b>		
<i>Sedum album</i>	<b>Stonecrop family</b> White Stonecrop	Stony ground, widespread,
<i>Sedum sp</i>	A stonecrop (not flowering)	Pulsano monastery
<i>Umbilicus rupestris</i>	Wall Pennywort	Damp walls, Monte Sant'Angelo
<b>Cucurbitaceae</b>		
<i>Ecballium elaterium</i>	<b>Cucumber family</b> Squirting Cucumber	Coastal saltpans, beaches
<b>Dipsacaceae</b>		
<i>Dipsacus fullonum</i>	<b>Teasel Family</b> Teasel	Roadsides, waste ground
<b>Ericaceae</b>		
<i>Arbutus unedo</i>	<b>Heather Family</b> Strawberry Tree	Peschici, Mattinata
<i>Erica arborea</i>	Tree Heather	Monte Sacro area
<b>Euphorbiaceae</b>		
<i>Euphorbia amygdaloides</i>	<b>Spurge Family</b> Wood Spurge	Bosco Quarto, Foresta Umbra
<i>Euphorbia bi-umbellata</i>	Whorled Spurge	Pulsano Monastery
<i>E. characias ssp characias</i>	Mediterranean Spurge	Sunny open areas, stony ground
<i>Euphorbia helioscopia</i>	Sun Spurge	Waste ground, common
<i>Euphorbia myrsinites</i>	Broad-leaved Glaucous Spurge	Monte Sant'Angelo, Bosco Quarto
<i>Euphorbia spinosa</i>	Spiny Dwarf Spurge	Monte Sant'Angelo
<i>E. acanthocamnos</i>	Spiny Spurge	Pulsano road, Monte Sacro
<b>Fabaceae (Leguminosae)</b>		
<i>Anagyris foetida</i>	<b>Pea Family</b> Bean Trefoil	Roadside stop and quarry, day 7,

<b>Scientific name</b>	<b>Common name</b>	<b>Habitat/location/most frequent site</b>
<i>Anthyllis tetraphylla</i>	Bladder Vetch	Roadsides
<i>Anthyllis vulneraria ssp praepropera</i>	Kidney Vetch (pink form)	Open, areas, stony ground, common
<i>Astragalus monspessulanus</i>	False Vetch	Monte Sant'Angelo
<i>Calycotome infesta</i>	Spiny Broom	Monte Sacro
<i>Ceratonia siliqua</i>	Carob	Gardens, Monte Sant'Angelo, Peschici
<i>Cercis siliquastrum</i>	Judas Tree	Monte Sant'Angelo
<i>Coronilla scorpioides</i>	Annual Scorpion Vetch	Pulsano Monastery
<i>Cytisus decumbens ssp elatior</i>	Prostrate Broom	Monte Sant'Angelo
<i>Cytisus villosus</i>	Broom sp	Bosco Quarto
<i>Hedysarum coronarium</i>	Italian Sainfoin	Monte Sant'Angelo, Pulsano monastery
<i>Hippocrepis glauca</i>	Horseshoe Vetch sp	Monte Sant'Angelo
<i>Hippocrepis unisiliquosa</i>	Horseshoe Vetch sp	Monte Sant'Angelo
<i>Hymenocarpus circinnatus</i>	Disk Trefoil	Peschici viewpoint
<i>Lathyrus aphaca</i>	Yellow Vetchling	Peschici, Fly-tip stop area
<i>Lathyrus cicera</i>	Vetchling sp	Fly-tip stop
<i>Lathyrus clymenum</i>	Vetchling sp	Roadsides
<i>Lathyrus setifolius</i>	Red Grass Vetchling	Monte Saraceno
<i>Lathyrus (verna)</i>	Spring Pea	Bosco Quarto, leaves and buds only
<i>Lotus edulis</i>	Edible Lotus	Roadsides
<i>Lupinus micranthus</i>	Hairy Lupin	Monte Sacro, Peschici
<i>Medicago arabica</i>	Spotted Medick	Monte Sant'Angelo
<i>Medicago marina</i>	Sea Medick	Coastal saltpans, sand dunes
<i>Medicago rigidula</i>	Medick sp	Roadsides
<i>Mellilotus indicus</i>	Small Mellilot	Pulsano Monastery
<i>Onobrychis aequidentata</i>	Sainfoin sp	Pulsano Monastery
<i>Onobrychis saxatilis</i>	Rock Sainfoin	Monte Sant'Angelo
<i>Pisum sativum ssp elatior</i>	Cultivated Pea	Roadsides
<i>Psoralea bituminosa</i>	Pitch Trefoil	Pulsano Monastery, roadsides
<i>Robinia pseudacacia</i>	False Acacia	Roadsides, towns
<i>Scorpiurus muricatus</i>	Scorpiurus	Roadside stops, quarry stop, Day 7
<i>Sc. vermiculatus</i>		Roadsides
<i>Spartium junceum</i>	Spanish Broom	Common, stony open areas
<i>Tetragonolobus purpureus</i>	Winged or Asparagus Pea	Peschici, Fly-tip stop area
<i>Trifolium campestre</i>	Hop Trefoil	Roadsides, stony ground
<i>Trifolium hirtum</i>	Hairy Trefoil	Bosco Quarto, roadsides and tracks
<i>Trifolium repens</i>	White Clover	Cultivated areas, common
<i>Trifolium resupinatum</i>	Reversed Clover	Fly-tip stop
<i>Trifolium stellatum</i>	Starry Clover	Monte Sant'Angelo
<i>Trifolium tomentosum</i>	Woolly Trefoil	Monte Sant'Angelo, coastal areas,
<i>Vicia bithynica</i>	Bithynian Vetch	Monte Sant'Angelo
<i>Vicia cracca</i>	Tufted Vetch	Fly-tip stop, tulip field margins
<i>Vicia hirsuta</i>	Hairy Tare	Bosco Quarto roadsides
<i>Vicia hybrida</i>	Yellow Vetch sp	Pulsano Monastery
<i>Vicia lutea</i>	Yellow Vetch	Monte Sacro
<i>Vicia melanops</i>	Black Vetch	Roadsides, hedgerows
<i>Vicia narbonensis</i>	Wild Bean'	Roadsides, hedgerows
<i>Vicia sativa</i>	Common Vetch	Roadsides, hedgerows
<i>Vicia villosa</i>	Fodder Vetch	Cultivated areas
<b>Fagaceae</b>	<b>Beech Family</b>	
<i>Castanea sativa</i>	Sweet Chestnut	Bosco Quarto, Foresta Umbra
<i>Fagus sylvatica</i>	Beech	Foresta Umbra, Bosco Quarto
<i>Quercus coccifera</i>	Kermes Oak	Bosco Quarto, open sunny areas
<i>Quercus ilex</i>	Holm Oak	Bosco Quarto

<b>Scientific name</b>	<b>Common name</b>	<b>Habitat/location/most frequent site</b>
<i>Quercus pubescens</i>	Downy Oak	Monte Sant'Angelo
<i>Quercus cerris</i>	Turkey Oak	Bosco Quarto, common
<b>Fumariaceae</b>	<b>Fumitory Family</b>	
<i>Corydalis solida</i>	Bird-in-a-bush	Bosco Quarto -woodland clearings
<i>Fumaria capreolata</i>	Tall Ramping Fumitory	Roadsides, hedgerows
<i>Fumaria (officinalis)</i>	(Common) Fumitory	Roadsides, hedgerows
<b>Gentianaceae</b>	<b>Gentian Family</b>	
<i>Blackstonia perfoliata</i>	Yellow Wort (leaves only)	Quarry stop, day 7
<b>Geraniaceae</b>	<b>Crane's-bill Family</b>	
<i>Erodium ciconium</i>	Stork's-bill sp	Monte Sant'Angelo
<i>Erodium cicutarium</i>	Common Stork's-bill	Monte Sant'Angelo
<i>Erodium malacoides</i>	Mallow-leaved Stork's-bill	Monte Sant'Angelo, Pulsano Monastery
<i>Geranium columbinum</i>	Long-stalked Cranesbill	Hedgerows, shady places
<i>Geranium dissectum</i>	Cut-leaved Cranesbill	Roadsides, hedgerows
<i>Geranium lucidum</i>	Shining Cranesbill	Bosco Quarto, Foresta Umbra
<i>Geranium molle</i>	Dove's-foot Cranesbill	Grassy areas, roadsides
<i>Geranium purpureum</i>	Little Robin	Bosco Quarto, quarry stop day 7
<i>Geranium robertianum</i>	Herb Robert	Roadsides, hedgerows, shady places
<i>Geranium sanguineum</i>	Bloody Cranesbill	Monte Sacro
<b>Lamiaceae (Labiatae)</b>	<b>Deadnettle Family</b>	
<i>Ajuga chamaepitys</i>	Ground Pine	Monte Sant'Angelo, Monte Sacro
<i>Ajuga genevensis</i>	Blue Bugle	Bosco Quarto
<i>Clinopodium acinos</i>	Basil-thyme	Open, stony areas, rocks, scarce
<i>Lamium bifidum</i>	Deadnettle sp	Bosco Quarto
<i>Lamium garganicum</i>	Large Red Deadnettle	Monte Sant' Angelo, Pilgrim's Path
<i>Lamium maculatum</i>	Spotted Deadnettle	Bosco Quarto
<i>Marrubium vulgare</i>	White Horehound	Roadsides,open areas, Monte Saraceno
<i>Origanum vulgare</i>	Oregano	Open, stony areas, rocks, sunny places
<i>Prasium majus</i>	Prasium	Monte Sacro, Monte Saraceno
<i>Prunella vulgaris</i>	Selfheal	Bosco Quarto, Foresta Umbra
<i>Rosmarinus officinalis</i>	Rosemary	Monte Sant'Angelo, Monte Sacro
<i>Salvia argentea</i>	Silver Sage	Pulsano Monastery
<i>Salvia verbenaca</i>	Wild Clary	Monte Sant'Angelo, Monte Sacro
<i>Satureja hortensis</i>	Summer Savory	Monte Sacro
<i>Sideritis syriaca</i>	Syrian Sideritis	Monte Sant'Angelo
<i>Stachys cretica</i>	Mediterranean Woundwort	Monte Sant'Angelo
<i>Thymus capitatus</i>	Thyme	Widespread, stony areas, sunny slopes
<b>Linaceae</b>	<b>Flax Family</b>	
<i>Linum bienne</i>	Pale Flax	Roadsides, waste places
<i>Linum narbonense</i>	Beautiful Flax	Pulsano , roads nr Bosco Quarto
<i>Linum catharticum</i>	Purging or Fairy Flax	Monte Sacro, Peschici
<b>Malvaceae</b>	<b>Mallow Family</b>	
<i>Malva sylvestris</i>	Common Mallow	Monte Sant'Angelo, roadsides,
<b>Moraceae</b>	<b>Fig Family</b>	
<i>Ficus carica</i>	Fig	Pulsano Monastery, gardens, towns

<b>Scientific name</b>	<b>Common name</b>	<b>Habitat/location/most frequent site</b>
<b>Oleaceae</b>	<b>Olive Family</b>	
<i>Fraxinus ornus</i>	Flowering Ash	Roadsides, gardens, cultivated areas
<i>Fraxinus excelsior</i>	Ash	Foresta Umbra
<i>Ligustrum vulgare</i>	Privet	Roadsides, scrub
<i>Olea europaea</i>	Olive	Extensively cultivated, esp at Mattinata
<b>Orobanchaceae</b>	<b>Broomrape Family</b>	
<i>Orobanche caryophyllacea</i>	Clove-scented Broomrape	Pulsano Monastery - only just emerging
<i>Orobanche purpurea</i>	Yarrow Broomrape	nr Peschici - spikes just starting to grow
<b>Oxalidaceae</b>	<b>Wood-sorrel family</b>	
<i>Oxalis corniculata</i>	Procumbent Yellow Sorrel	Pulsano, Peschici
<b>Paeoniaceae</b>	<b>Peony Family</b>	
<i>Paeonia mascula</i>	Wild Peony	Bosco Quarto, Foresta Umbra
<b>Papaveraceae</b>	<b>Poppy Family</b>	
<i>Papaver hybridum</i>	Rough Poppy	Widespread, cultivated areas
<i>Papaver rhoeas</i>	Common Poppy	Widespread, cultivated areas
<b>Plantaginaceae</b>	<b>Plantain Family</b>	
<i>Plantago arenaria</i>	Branched Plantain	Stony ground, hillsides
<i>Plantago lagopus</i>	Hare's-foot Plantain	Bosco Quarto, stony areas, common
<i>Plantago lanceolata</i>	Ribwort Plantain	Roadsides, cultivated areas
<i>Plantago maritima</i>	Sea Plantain	Monte Saraceno, Peschici
<i>Plantago seraria</i>	Med'n Buck's-horn Plantain	Monte Saraceno, Peschici
<b>Plumbaginaceae</b>	<b>Thrift Family</b>	
<i>Limonium (oleifolium)</i>	a Rock Sea-Lavender	Peschici, coastal rocks, leaves only
<b>Polygalaceae</b>	<b>Milkwort Family</b>	
<i>Polygala nicaeensis</i>	Nice Milkwort	Monte Sant'Angelo, Monte Sacro,
<b>Polygonaceae</b>	<b>Knotweed Family</b>	
<i>Rumex acetosa</i>	Common Sorrel	Monte Sacro
<i>Rumex obtusifolius</i>	Broad-leaved Dock	Widespread, roadsides, waste places
<i>Rumex pulcher</i>	Fiddle Dock	Cyclamen stop Foresta Umbra
<b>Primulaceae</b>	<b>Primrose Family</b>	
<i>Anagallis arvensis</i>	Scarlet Pimpernel (blue and red)	Widespread, waste places, roadsides
<i>Cyclamen hederifolium</i>	Ivy-leaved Sowbread	Foresta Umbra, Bosco Quarto - leaves
<i>Cyclamen repandum</i>	Spring Cyclamen	Foresta Umbra, Bosco di Spinapulci
<b>Ranunculaceae</b>	<b>Buttercup Family</b>	
<i>Anemone appenina</i>	Blue Anemone	Foresta Umbra, Bosco Quarto
<i>Anemone hortensis</i>	Mauve' Anemone	Foresta Umbra, Bosco Quarto
<i>Clematis sp</i>	Wild Clematis	Foresta Umbra
<i>Ranunculus arvensis</i>	Corn Buttercup	Widespread, cultivated areas
<i>Ranunculus ficaria</i>	Lesser Celandine	Bosco Quarto
<i>Ranunculus millefoliatus</i>	Fine-leaved' Buttercup	Monte Sant'Angelo, Monte Sacro,
<i>Ranunculus peltatus</i>	Pond Water-crowfoot	Peschici storm drain areas
<i>Ranunculus sceleratus</i>	Celery-leaved Buttercup	Peschici storm drain areas
<i>Ranunculus velutinus</i>	Hairy' Buttercup	Bosco Quarto roadsides and verges



<b>Scientific name</b>	<b>Common name</b>	<b>Habitat/location/most frequent site</b>
<b>Resedaceae</b>	<b>Mignonette Family</b>	
<i>Reseda alba</i>	White Mignonette	Monte Sant'Angelo
<i>Reseda lutea</i>	Wild Mignonette	Pulsano Monastery
<i>Reseda phyteuma</i>	Corn Mignonette	Pulsano Monastery
<b>Rhamnaceae</b>	<b>Buckthorn Family</b>	
<i>Paliurus spina-christi</i>	Christ's Thorn	Bosco di Spinapulci
<i>Rhamnus alaternus</i>	Mediterranean Buckthorn	Bosco di Spinapulci
<b>Rosaceae</b>	<b>Rose Family</b>	
<i>Aremonia agrimonioides</i>	Bastard Agrimony	Bosco Quarto
<i>Crataegus monogyna</i>	Hawthorn	Widespread, hillsides, scrub
<i>Cydonia oblonga</i>	Quince	Cultivated areas, gardens
<i>Filipendula vulgaris</i>	Dropwort	Monte Sant'Angelo
<i>Fragaria vesca</i>	Wild Strawberry	Bosco Quarto
<i>Geum urbanum</i>	Wood Avens	Foresta Umbra
<i>Malus sylvestris</i>	Crab Apple	Bosco Quarto
<i>Potentilla hirta</i>	Hairy Cinquefoil	Pulsano Monastery
<i>Prunus dulcis</i>	Almond	Cultivated areas, common
<i>Prunus spinosa</i>	Blackthorn	Monte Sacro
<i>Pyracantha coccinea</i>	Firethorn	Monte Sant'Angelo
<i>Pyrus amygdaliformis</i>	Almond-leaved Pear	Pulsano Monastery, nr Peschici
<i>Rosa sp</i>	Wild Rose sp	Pulsano Monastery, Bosco Quarto
<i>Rubus fruticosus agg</i>	Bramble	Widespread, hillsides, scrub
<i>Rubus sanctus</i>	Mediterranean Bramble	Bosco di Spinapulci
<i>Sanguisorba verrucosum</i>	Mediterranean Salad Burnet	Monte Sant'Angelo
<i>Sorbus aucuparia</i>	Mountain Ash/Rowan	Monte Sant'Angelo
<i>Sorbus torminalis</i>	Wild Service Tree	Bosco Quarto, spreading invasively
<b>Rubiaceae</b>	<b>Bedstraw Family</b>	
<i>Asperula arvensis</i>	Blue Woodruff	Bosco Quarto, field margins
<i>Asperula taurina</i>	Southern Woodruff	Foresta Umbra
<i>Cruciata laevipes</i>	Crosswort	Bosco Quarto
<i>Galium aparine</i>	Cleavers	Widespread, waste places
<i>Galium odoratum</i>	Sweet Woodruff	Foresta Umbra
<i>Galium verum</i>	Lady's Bedstraw	Monte Sant'Angelo
<i>Rubia peregrina</i>	Wild Madder	Monte Sacro, Monte Saraceno
<i>Sherardia arvensis</i>	Field Madder	Widespread and frequent, grassy areas
<b>Rutaceae</b>	<b>Rue Family</b>	
<i>Ruta chalapensis</i>	Fringed Rue (leaves only)	Bosco di Spinapulci, Pulsano
<b>Santalaceae</b>	<b>Sandalwood Family</b>	
<i>Osyris alba</i>	Osyris	Pulsano Monastery
<i>Thesium (humifusum?)</i>	Bastard Toadflax	Pulsano Monastery, Bosco Quarto
<b>Saxifragaceae</b>	<b>Saxifrage Family</b>	
<i>Saxifraga bulbifera</i>	Bulbous Saxifrage	Bosco Quarto
<i>Saxifraga granulata</i>	Meadow Saxifrage	Bosco Quarto, Quarry stop
<i>Saxifraga rotundifolia</i>	Round-leaved Saxifrage	Foresta Umbra
<i>Saxifraga tridactylites</i>	Rue-leaved Saxifrage	Monte Sacro, Pulsano Monastery

<b>Scientific name</b>	<b>Common name</b>	<b>Habitat/location/most frequent site</b>
<b>Scrophulariaceae</b>		
<i>Antirrhinum siculum</i>	Sicilian Snapdragon	Bosco di Spinapulci
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	Pulsano Monastery
<i>Euphrasia agg</i>	Eyebright sp	Monte Sacro
<i>Linaria pelisseriana</i>	Jersey Toadflax	Bosco di Spinapulci
<i>Parentucellia latifolia</i>	Southern Red Bartsia	Bosco di Spinapulci
<i>Scrophularia peregrina</i>	Italian or Nettle-leaved Figwort	Bosco di Spinapulci
<i>Verbascum phoenicium</i>	Purple Mullein	Bosco di Spinapulci, roadside stop
<i>Verbascum thapsus</i>	Aaron's Rod, Yellow Mullein	Roadsides, widespread and common
<i>Veronica hederifolia agg</i>	Ivy-leaved Speedwell	Bosco Quarto
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	Bosco Quarto
<b>Solanaceae</b>		
<i>Hyoscyamus alba</i>	White Henbane	Pulsano Monastery
<i>Solanum sodomaeum</i>	Apple of Sodom	Peschici viewpoint - foliage only
<b>Thymelaeaceae</b>		
<i>Daphne laureola</i>	Spurge Laurel	Bosco Quarto, Foresta Umbra
<i>Daphne sericea</i>	an upland Daphne	Foresta Umbra - higher altitudes
<i>Daphne mezereum</i>	Mezereum	Bosco Quarto, Foresta Umbra
<b>Ulmaceae</b>		
<i>Ulmus sp</i>	Elm Family	slopes near Castle, Monte Sant'Angelo
<b>Urticaceae</b>		
<i>Parietaria judaica</i>	Nettle Family	
<i>Urtica dioica</i>	Pellitory-of-the-wall	Pulsano Monastery
<i>Urtica pilulifera</i>	Stinging Nettle	Roadsides, waste places
	Roman Nettle	Pulsano, Peschici, Monte Saraceno
<b>Valerianaceae</b>		
<i>Centranthus ruber</i>	Valerian Family	
<i>Centranthus calcitrapa</i>	Red Valerian	Widespread, walls, roadsides
<i>Valeriana tuberosa</i>	a Valerian	stony areas, Monte Sacro
<i>Valerianella sp</i>	Valerian - flower buds only	Foresta Umbra
	Cornsalad sp	Widespread, sunny areas, field margins
<b>Violaceae</b>		
<i>Viola arvensis</i>	Violet Family	
<i>Viola heterophylla ssp graeca</i>	Field Pansy	Bosco Quarto
<i>Viola riviniana</i>	Wild Pansy* endemic	Bosco Quarto
	Common Dog Violet	Foresta Umbra, Bosco Quarto
<b>Vitaceae</b>		
<i>Vitis vinifera</i>	Grape-vine Family	
	Grape	Extensively cultivated,widespread
<b>LILIIDAE</b>		
<b>Agavaceae</b>		
<i>Agave americana</i>	Agave Family	
	Agave or Century Plant	Cultivated areas, gardens
<b>Araceae</b>		
<i>Arum italicum ssp italicum</i>	Arum Family	
<i>Arum maculatum</i>	Large Cuckoo Pint	Woods, shady places, widespread
	Cuckoo Pint	Shaded areas - Bosco Quarto

<b>Scientific name</b>	<b>Common name</b>	<b>Habitat/location/most frequent site</b>
<b>Cyperaceae</b>		
<i>Carex caryophyllaceae</i>	Spring Sedge	Monte Sant'Angelo
<i>Carex echinata</i>	Star Sedge	Foresta Umbra
<i>Carex sylvatica</i>	Wood Sedge	Bosco Quarto, Foresta Umbra
<b>Dioscoreaceae</b>		
<i>Tamus communis</i>	Black Bryony	Foresta Umbra - flowering
<b>Iridaceae</b>		
<i>Gladiolus italicus</i>	Field Gladiolus	tulip fields, leaves and buds
<i>Hermodactylus tuberosus</i>	Snake's-head Iris or Widow Iris	Pulsano Monastery
<i>Iris foetidissima</i>	Stinking Iris or Roast Beef Plant	Foresta Umbra
<i>Iris lutescens</i>	Yellow' Iris	Monte Sant'Angelo
<i>Iris pseudopumila</i>	Bi-coloured' Iris	Bosco Quarto
<b>Juncaceae</b>		
<i>Luzula forsteri</i>	Southern Wood-rush	Bosco Quarto
<b>Liliaceae</b>		
<i>Allium neapolitanum</i>	Naples Garlic	Bosco di Spinapulci
<i>Allium nigrum</i>	a wild Garlic	Bosco di Spinapulci
<i>Allium pendulinum</i>	Pendulous Garlic	Bosco Quarto
<i>Allium roseum</i>	Rose Garlic	Bosco di Spinapulci, roads nr Peschici
<i>Allium subhirsutum</i>	Hairy Garlic	Pulsano Monastery
<i>Allium ursinum</i>	Ramsons	Foresta Umbra
<i>Asparagus sp</i>	wild Asparagus	Roadsides, widespread
<i>Asphodeline lutea</i>	Yellow Asphodel	Monte Sant'Angelo
<i>Asphodelus aestivus</i>	Common Asphodel	Widespread
<i>Asphodelus fistulosus</i>	Hollow-leaved Asphodel	Pulsano Monastery
<i>Gagea (arvensis)</i>	Yellow Star of Bethlehem	Bosco Quarto, iris fields
<i>Muscari comosum</i>	Tassel Hyacinth	Monte Sant'Angelo
<i>Muscari neglecta</i>	Dark Grape Hyacinth	Monte Sant'Angelo, Monte Sacro
<i>Narcissus poeticus</i>	Pheasant's-eye Daffodil	Bosco Quarto, Foresta Umbra
<i>Narcissus tazetta</i>	Polyanthus Narcissus	Bosco Quarto
<i>Ornithogalum umbellatum</i>	Common Star of Bethlehem	Widespread
<i>Polygonatum multiflorum</i>	Solomon's Seal	Bosco Quarto
<i>Smilax aspera</i>	Common Smilax	Bosco Quarto, Peschici
<i>Tulipa sylvestris</i>	Wild Tulip	Cultivated fields, Bosco Quarto
<i>Ruscus aculeatus</i>	Butcher's Broom	Bosco Quarto
<i>Urginea maritima</i>	Sea Squill (leaves only)	Monte Sacro - roadsides
<b>Orchidaceae</b>		
<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	Monte Sant'Angelo, Peschici
<i>Cephalanthera longifolia</i>	Sword-leaved Helleborine	Leaves only, Bosco Quarto
<i>Dactylorhiza fuchsii</i>	Common Spotted Orchid	Bosco Quarto, leaves and buds only
<i>Dactylorhiza romana</i>	Roman Orchid	Bosco Quarto
<i>Dactylorhiza sambucina</i>	Elder-flowered Orchid	Monte Sacro
<i>Himantoglossum hircinum</i>	Lizard Orchid (not in flower)	Monte Sant'Angelo
<i>Himantoglossum (Barlia) robertianum</i>	Giant Orchid	Monte Sant'Angelo
<i>Neottia nidus-avis</i>	Bird's-nest Orchid	Bosco Quarto, seed head only
<i>Ophrys apulica</i>	Apulian Ophrys* endemic	Monte Sant'Angelo, Monte Sacro
<i>Ophrys bertolonii</i>	Bertoloni's Bee Orchid	Foresta Umbra
<i>Ophrys bertoloniformis</i>	Bertoloni x Early Spider hybrid	Foresta Umbra
<i>Ophrys biscutella</i>	Spectacled Ophrys	Bosco Quarto

<b>Scientific name</b>	<b>Common name</b>	<b>Habitat/location/most frequent site</b>
<i>Ophrys bombyliflora</i>	Bumble-bee Ophrys	Monte Sacro
<i>Ophrys fuciflora</i>	Late Spider Orchid	Monte Sant'Angelo
<i>Ophrys fusca</i>	Sombre Ophrys	Monte Saraceno
<i>Ophrys (passionis) garganica</i>	<i>an endemic</i>	Monte Sant'Angelo
<i>Ophrys incubacea</i>	Dark Ophrys	Monte Sant'Angelo
<i>Ophrys melena</i>	Yellow Ophrys, dark ssp	Monte Saraceno
<i>Ophrys parviflora</i>	Small-patterned Ophrys	Quarry stop, day 7
<i>Ophrys phryganae</i>	a 'yellow' Ophrys	Monte Sant'Angelo
<i>Ophrys promontorii</i>	<i>an endemic</i>	Monte Sant'Angelo
<i>Ophrys sicula</i>	a 'yellow' Ophrys	Monte Sant'Angelo
<i>Ophrys sipontensis</i>	<i>an endemic</i>	Monte Sant'Angelo
<i>Ophrys tenthredinifera</i>	Sawfly Ophrys	Monte Sacro
<i>Orchis (Aceras) anthropophora</i>	Man Orchid	Monte Sant'Angelo, Monte Sacro
<i>Orchis italica</i>	Naked Man Orchid	Monte Sant'Angelo, Monte Sacro
<i>Orchis lactea</i>	Milky Orchid	Monte Sant'Angelo
<i>Orchis morio</i>	Green Winged (veined) Orchid	Monte Sant'Angelo, Bosco Quarto
<i>Orchis papilionacea</i>	Pink Butterfly Orchid	Monte Sant'Angelo, Bosco Quarto
<i>Orchis pauciflora</i>	Sparse-flowered Orchid	Monte Sacro
<i>Orchis provincialis</i>	Provence Orchid	Bosco Quarto, Bosco di Spinapulci
<i>Orchis purpurea</i>	Lady Orchid	Monte Sant'Angelo, Bosco Quarto
<i>Orchis quadripunctata</i>	Four-spotted Orchid	Monte Sacro
<i>Orchis ustulata</i>	Burnt Orchid	Bosco Quarto roadside
<i>Serapias cordigera</i>	Heart-flowered Tongue Orchid	Bosco di Spinapulci
<i>Serapias lingua</i>	Tongue Orchid	Bosco di Spinapulci, Fly-tip stop
<i>Serapias vomeracea</i>	Plough-share Tongue Orchid	Fly-tip stop

**Hybrids included some of the following:**

<i>Orchis morio</i> x <i>Orchis papilionacea</i>	Pulsano road
<i>Orchis pauciflora</i> x <i>Or. quadripunctata</i>	Monte Sacro
<i>Ophrys garganica</i> x <i>Op. sipontensis</i>	Pulsano road, Foresta Umbra

**Poaceae**

<b>Poaceae</b>	<b>Grass Family</b>	
<i>Aegilops geniculata</i>	Aegilops	Widespread
<i>Arundo donax</i>	Giant Reed	Mainly coastal
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass	Widespread
<i>Aira caryophyllea</i>	Silver Hair Grass	Bosco di Spinapulci
<i>Avena barbata</i>	Bristle Oat	Roadsides, dry areas
<i>Briza maxima</i>	Large Quaking Grass	Monte Sacro
<i>Bromus hordaceus</i>	Soft Brome	Roadsides, dry areas
<i>Catapodium rigidum</i>	Fern Grass	Pulsano Monastery
<i>Festuca vivipara</i>	Viviparous Fescue	Bosco Quarto, Monte Sant'Angelo
<i>Hordeum murinum</i>	Wall Barley	Monte San Angelo
<i>Lagurus ovatus</i>	Hare's-foot Grass	Monte San Angelo
<i>Melica uniflora</i>	Wood Melick	Bosco Quarto, Foresta Umbra
<i>Stipa pennata</i>	Feather Grass sp	Monte Saraceno

**Lichens**

<i>Lobaria pulmonaria</i>	Tree Lungwort	Foresta Umbra
---------------------------	---------------	---------------

## Birds

	<b>Common name</b>	<b>Scientific name</b>	<b>Numbers</b>	<b>Notes</b>
1	Great Crested Grebe	<i>Podiceps cristatus</i>	4+	coastal salt pans day 8
2	Little Grebe	<i>Tachybaptus ruficollis</i>	1	coastal salt pans day 8
3	Little Egret	<i>Egretta garzetta</i>	10+	Coastal salt pans, day 8
4	Purple Heron	<i>Ardea purpurea</i>	1	Coastal salt pans, day 8
5	Grey Heron	<i>Ardea cinerea</i>	singles	coastal salt pans day 8
6	Greater Flamingo	<i>Phoenicopterus roseus</i>	1000+	Coastal salt pans, day 8
7	Spoonbill	<i>Platalea leucorodia</i>	1	in flight over salt pans
8	Marsh Harrier	<i>Circus aeruginosus</i>	1	coastal salt pans day 8
9	Common Buzzard	<i>Buteo buteo</i>	daily	Roadsides, hilly areas
10	Sparrowhawk	<i>Accipiter nisus</i>	2	Bosco Quarto, Foresta Umbra
11	Common Kestrel	<i>Falco tinnunculus</i>	daily	Open country areas, scarce
12	Lesser Kestrel	<i>F. naumanni</i>	1	Bosco Quarto area
13	Common Moorhen	<i>Gallinula chloropus</i>	5	Coastal salt pans, day 8
14	Shelduck	<i>Tadorna tadorna</i>	25+	coastal salt pans day 8
15	Mallard	<i>Anas platyrhynchos</i>	1	Woodland pool, Foresta Umbra
16	Avocet	<i>Recurvirostra avosetta</i>	20+	Coastal salt pans, day 8
17	Black-winged Stilt	<i>Himantopus himantopus</i>	20+	Coastal salt pans, day 8
18	Stone Curlew	<i>Burhinus oedicephalus</i>	1	in flight over salt pans
19	Common Sandpiper	<i>Actitis hypoleuca</i>	5+	Coastal salt pans, Peschici
20	Marsh Sandpiper	<i>Tringa stagnatilis</i>	5+	coastal salt pans day 8
21	Common Redshank	<i>Tringa totanus</i>	singles	Coastal salt pans, day 8
22	Kentish Plover	<i>Charadrius alexandrinus</i>	5+	coastal salt pans day 8
23	Grey Plover	<i>Pluvialis squatarola</i>	1	coastal salt pans day 8
24	Ruff	<i>Philomachus pugnax</i>	25+	coastal salt pans day 8
25	Black-headed Gull	<i>Larus ridibundus</i>	singles	Coastal salt pans, day 8
26	Slender-billed Gull	<i>Chroicocephalus genei</i>	20+	Coastal salt pans, day 8
27	Yellow-legged Gull	<i>Larus michahellis</i>	30+	Coastal areas, widespread
28	Little Tern	<i>Sterna albifrons</i>	1	Coastal salt pans day 8
29	Rock Dove/Feral Pigeon	<i>Columba livia</i>		Widespread
30	Wood Pigeon	<i>Columba palumbus</i>	singles	Widespread
31	Collared Dove	<i>Streptopelia decaocto</i>	singles	Monte Sant'Angelo
32	Common Cuckoo	<i>Cuculus canorus</i>	singles	heard on most days
33	Tawny Owl	<i>Strix aluco</i>	singles	seen in Foresta Umbra
34	Scops Owl	<i>Otus scops</i>	1?	Palace Hotel grounds, briefly
35	Common Swift	<i>Apus apus</i>	small groups	seen on most days
36	Alpine Swift	<i>Apus melba</i>	20+	Peschici,
37	Pallid Swift	<i>Apus pallidus</i>	singles	Peschici
38	Hoopoe	<i>Upupa epops</i>	1	roadside, Peschici
39	Green Woodpecker	<i>Picus viridis</i>		Foresta Umbra (heard)
40	Middle-spotted Woodpecker	<i>Dendrocopos medius</i>	1	Bosco Quarto
41	Skylark	<i>Alauda arvensis</i>	singles	Widespread
42	Crested Lark	<i>Galerida cristata</i>	4+	coastal salt pans
43	Woodlark	<i>Lullula arborea</i>	1	Monte Sant'Angelo
44	Barn Swallow	<i>Hirundo rustica</i>	spare	Widespread
45	Red-rumped Swallow	<i>Cecropis daurica</i>	1	coastal salt pans day 8
46	House Martin	<i>Delichon urbica</i>	few	Monte Sant'Angelo
47	White Wagtail	<i>Motacilla alba</i>	singles	Monte Sant'Angelo
48	Blue-headed Wagtail	<i>Motacilla flava flava</i>	1	coastal salt pans day 8
49	Black-headed Wagtail	<i>Motacilla flava feldegg</i>	1	coastal salt pans day 8
50	Nightingale	<i>Luscinia megarhynchos</i>	singles	heard in song in many locations
51	Dunnock	<i>Prunella modularis</i>	singles	occasional in wooded areas
52	Robin	<i>Erithacus rubecula</i>	widespread	Foresta Umbra

	<b>Common name</b>	<b>Scientific name</b>	<b>Numbers</b>	<b>Notes</b>
53	Northern Wheatear	<i>Oenanthe oenanthe</i>	1	Pulsano monastery
54	Common Stonechat	<i>Saxicola torquata</i>	2	Monte Sant'Angelo area
55	Song Thrush	<i>Turdus philomelos</i>	widespread	Foresta Umbra
56	Mistle Thrush	<i>Turdus viscivorus</i>	scarce	heard in song in Bosco Quarto
57	Common Blackbird	<i>Turdus merula</i>	widespread	Foresta Umbra
58	Blue Rock-thrush	<i>Monticola solitarius</i>	4	Pulsano, Peschici
59	Western Bonelli's Warbler	<i>Phylloscopus bonelli</i>	singles	wooded areas
60	Chiffchaff	<i>Phylloscopus collybita</i>	singles	wooded areas
61	Blackcap	<i>Sylvia atricapilla</i>	widespread	scrubby areas, widespread
62	Sub-alpine Warbler	<i>Sylvia cantillans</i>	widespread	Monte Sant'Angelo area
63	Sardinian Warbler	<i>Sylvia melanocephala</i>	singles	seen well at Peschici
64	Fan-tailed Warbler	<i>Cisticola juncidis</i>	singles	coastal salt pans day 8
65	Firecrest	<i>Regulus ignicapilla</i>	10+	Foresta Umbra
66	Wren	<i>Troglodytes troglodytes</i>	singles	Monte Sant'Angelo, Bosco Quarto
67	Great Tit	<i>Parus major</i>	widespread	Foresta Umbra
68	Blue Tit	<i>Cyanistes caeruleus</i>	scattered	Foresta Umbra
69	Marsh Tit	<i>Poecile palustris</i>	1	Bosco Quarto
70	Nuthatch	<i>Sitta europaea</i>	10+	Foresta Umbra
71	Short-toed Treecreeper	<i>Certhia brachydactyla</i>	2+	Bosco Quarto
72	Red-backed Shrike	<i>Lanius collurio</i>	single	roadside, Manfredonia
73	Magpie	<i>Pica pica</i>	daily	Widespread
74	Jay	<i>Garrulus glandarius</i>	widespread	Scattered sightings
75	Jackdaw	<i>Corvus monedula</i>	widespread	Monte Sant'Angelo
76	Hooded Crow	<i>Corvus cornix</i>	frequent	Widespread
77	Raven	<i>Corvus corax</i>	singles	Bosco Quarto, Foresta Umbra
78	Starling	<i>Sturnus vulgaris</i>	daily	Widespread
79	House/Italian Sparrow	<i>Passer domesticus/italiae</i>		Widespread
80	Tree Sparrow	<i>Passer montanus</i>	singles	Peschici, coastal lowlands
81	Chaffinch	<i>Fringilla coelebs</i>		Widespread
82	Linnet	<i>Carduelis cannabina</i>	few	Monte Sant'Angelo area
83	Goldfinch	<i>Carduelis carduelis</i>		Widespread
84	Serin	<i>Serinus serinus</i>	singles	widespread
85	Cirl Bunting	<i>Emberiza cirlus</i>	singles	widespread, fields, roadsides
86	Corn Bunting	<i>Miliaria calandra</i>		common in lowland sites

## Butterflies

	<b>Common name</b>	<b>Scientific name</b>	<b>Notes</b>
	Grizzled Skipper	<i>Pyrgus malvae</i>	Singles, Bosco Quarto
	Southern Festoon	<i>Zerynthia polyxena</i>	Foresta Umbra
	Scarce Swallowtail	<i>Iphicides podalirius</i>	singles on coast
	Swallowtail	<i>Papilio machaon</i>	singles in sunny areas
	Wood White	<i>Leptidea sinapis</i>	Bosco Quarto
	Large White	<i>Pieris brassicae</i>	Bosco Quarto
	Small White	<i>Pieris rapae</i>	Bosco Quarto
	Green-veined White	<i>Pieris napi</i>	occasional sightings
	Orange Tip	<i>Anthocharis cardamines</i>	singles, Bosco Quarto
	Berger's Clouded Yellow	<i>Colias alfacariensis</i>	coastal areas
	Cleopatra	<i>Gonepteryx cleopatra</i>	scarce
	Brimstone	<i>Gonepteryx rhamni</i>	occasional, coastal areas
	Green Hairstreak	<i>Callophrys rubi</i>	occasional sightings
	Small Copper	<i>Lycaena phlaeas</i>	Bosco Quarto
	Little Blue	<i>Cupido minimus</i>	Bosco Quarto
	Holly Blue	<i>Celastrina argiolus</i>	Bosco Quarto

Common name	Scientific name	Notes
Baton Blue	<i>Pseudophilotes baton</i>	Pulsano Monastery
Common Blue	<i>Polyommatus icarus</i>	Pulsano road
Adonis Blue	<i>Lysandra bellargus</i>	Monte Sacro
Brown Argus	<i>Arcia agestis</i>	Monte Sacro
Chapman's Blue	<i>Agrodiaetus thersites</i>	Bosco Quarto
Long-tailed Blue	<i>Lampides boeticus</i>	Bosco di Spinapulci
Large Tortoiseshell	<i>Nymphalis polychloros</i>	Monte Sacro
Small Tortoiseshell	<i>Aglais urticae</i>	Peschici
Red Admiral	<i>Vanessa atalanta</i>	Monte Sant'Angelo
Painted Lady	<i>Vanessa cardui</i>	occasional
Queen of Spain Fritillary	<i>Issoria lathonia</i>	Bosco Quarto
Speckled Wood	<i>Parage aegeria</i>	woodlands, shady areas
Wall Brown	<i>Lasiommata maera</i>	seen almost daily
Small Heath	<i>Coenonympha pamphilus</i>	occasional sightings

### Moths

Nine-spot Burnet Moth	<i>Syntomis phegea</i>	Bosco di Spinapulci
5-spot Burnet Moth	<i>Zygaena trifolii</i>	Bosco di Spinapulci
Transparent Burnet	<i>Zygaena purpuralis</i>	Bosco di Spinapulci
Cream-spot Tiger Moth	<i>Arctia villica</i>	Pulsano Monastery road
Forester Moth	<i>Adscita sp</i>	Bosco di Spinapulci

### Other Invertebrates

Scorpion sp	<i>Buthus occitanicus</i>	Hotel bedroom!
Green Tiger Beetle	<i>Cicendela sp</i>	Bosco di Spinapulci
Flower Chafer Beetle	<i>Cetonia sp</i>	widespread
Dung Beetles	<i>Scarabidae sp</i>	Bosco Quarto
Oil Beetle	<i>Meloe sp</i>	Bosco Quarto
Longhorn Beetle	<i>Strangalia sp?</i>	Bosco Quarto
Wartbiter Bushcricket	<i>Decticus sp</i>	early instar
Egyptian Grasshopper	<i>Anacrydium sp</i>	Monte Saraceno

### Reptiles and amphibians

Moorish Gecko	<i>Tarentola mauritanica</i>	Hotel Elisa, and salt pans
Green Lizard	<i>Lacerta viridis</i>	Bosco Quarto
Common Wall Lizard	<i>Podarcis muralis</i>	seen almost daily
Italian Wall Lizard	<i>Podarcis sicula</i>	seen almost daily
Common Lizard	<i>Lacerta vivipara</i>	occasional sightings
Southern Smooth Snake	<i>Coronella girondica</i>	Bosco Quarto
Red-eared Terrapin	<i>Trachemys scripta</i>	Lago Umbra
Green Toad	<i>Bufo viridis</i>	Peschici stream
Common Toad	<i>Bufo bufo</i>	tadpoles in Lago Umbra

### Mammals

Wild Boar	<i>Sus scrofa</i>	Bosco di Spinapulci
Fallow Deer	<i>Dama dama</i>	Foresta Umbra