

Flowers of Italy's Gargano Peninsula

Naturetrek Tour Report

20 - 27 April 2008



From the hotel, Monte Sant'Angelo



Iris pseudopumila



Legousia speculum-veneris



Shepherd's hut

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Day 1

Sunday 20th April

Weather: warm and sunny

Richard met most of the group at Gatwick, catching the 7.45 flight to Naples, where we met up with Michael and Hilary, and Jessica. We collected the minibuses, and were soon on the road, heading east across Italy, noting the groves of Walnuts (*Juglans regia*) and Hazels (*Corylus avellana*), which gave way to arable and pasture. Some group members noted their first of many orchids, with large spikes of Lady Orchid (*Orchis purpurea*) on the verges. Leaving the autostrada, our route took us past some muddy pools where Black-winged Stilts, Little Egrets and Spoonbills made a good start to the bird list. Passing Manfredonia, we climbed slowly up to Monte St Angelo, high on the Gargano massif, and arrived in good time to settle into our hotel before dinner.

Day 2

Monday 21st April

Weather: Grey at first, becoming bright. Windy

After a leisurely breakfast, we left shortly after 9am to begin our first full day botanising the meadows along the road from the hotel. Our first stop was all of 300m away, where we were impressed by the array of orchids, especially the yellow *Ophrys*, both *O. lutea* and, in greater quantity, *O. sicula*, told by its brown V on the margin. We also started to find the dark *Ophryses*: the Gargano *Ophrys* (*O. garganica*), the endemic Promontory *Ophrys* (*O. promontoria*), the dark *Ophrys* (*O. incubacea*), and the delightful Bertolonii's *Ophrys* (*O. bertolonii*) with its 'ski-slope' lip, and the endemic, closely-related *O. bertoloniiiformis*, and our introduction to the various hybrid forms.

A stunning specimen of the Apulian Ophrys (*O. apulica*), with its bright pink sepals and petals, and large patterned brown lip, was also found. The diversity of the other plants equally caught our attention, especially the Pink Hawksbeard (*Crepis rubra*), the blue Dyer's Alkanet (*Alkanna lehmannii*), yellow Horseshoe Vetch (*Hippocrepis glauca*) and the silver-leaved *Sideritis syriaca*.

Dragging ourselves away from this meadow, we proceeded a little further down the road, stopping by a track to a radio mast. Here we found a magnificent specimen of the Giant Orchid (*Himantoglossum robertianum*): an unusual sight, as it is a very early flowerer, and spikes of Lady Orchid (*Orchis purpurea*) coming into bloom. Pink Butterfly Orchid (*Orchis papilionacea*), Green-winged Orchids (*Orchis morio*), Man Orchid (*Orchis anthropophorum*), and Naked Man Orchid (*Orchis italica*) were in profusion, together with spikes of Milky Orchid (*O. lactea*), Four-spotted orchid (*Orchis quadripunctata*) and more *Ophrys* specimens. As we wandered through this bounty, Burnt tip Orchid (*Orchis ustulata*) and the dainty yellow iris, *Iris pseudopumila*, were also found, with three species of rock rose, Common, Hoary and White (*Helianthemum nummularium*, *H. oelandicum* ssp *canum*, and *H. apenninum*).

After our picnic lunch of local hams and cheeses, we continued our slow progress along the road. A climb over a fence gave us the opportunity to admire pure white *O. quadripunctata* and an unusual hybrid between Man and Naked Man orchids. Driving through fields of Asphodel (*Asphodelus aestivus*) we came to the monastery of St. Madre di Dio at Pulsano. Here on the rocks, we found the endemic Pale Goldendrop (*Onosma lucana*), together with the Ploughshare Tongue Orchid (*Serapias vomeracea*), the white *Allium subhirsutum*, and the tiny blue iris Barbary Nut (*Gynandris sisyriuchium*). Some of the group visited the abbey church, built into the cliff, with its fine carvings and large plant of White Henbane (*Hyoscyamus albus*) near the door.

Dinner this evening included gargantuan pizzas.

Day 3

Tuesday 22nd April

Weather: Early rain, becoming bright. Windy

Bright sun but thick black clouds greeted the morning, resulting in a stunning rainbow over the hills. However, the rain was short-lived and today we set out to explore the wooded interior of Gargano: the Bosco Quarto. Our first stop was at some rocky meadows by a road junction, where we reacquainted ourselves with some species from Monday, including some fine *Iris pumila* and *Ophrys* species, but also found new ones, including the Spectacled Ophrys, *Ophrys biscutella*, the tiny Bumblebee Orchid, *Ophrys bombyliflora*, and the Black Vetch, *Vicia melanops*.

Moving on from here, we entered the wooded area, dominated by Downy Oak, *Quercus pubescens*, and drove along forest tracks, admiring the blue and white *Anemone apennina*, and yellow Heart-leaved Leopardsbane (*Doronicum columnae*). Stopping to explore further we could find only dead spikes of the Bird's nest Orchid (*Neottia nidus-avis*) from last year, but did find fine examples of Lungwort (*Pulmonaria* sp. probably *P. saccharata*), Coralroot Bittercress (*Cardamine bulbifera*) with its black bulbils in the leaf axils, and its smaller relative, Ivy-leaved Bittercress (*Cardamine plumieri*), and Bird-in-a-Bush (*Corydalis solida*).

Our picnic site was by some lovely old Eastern Hornbeams (*Carpinus orientalis*), where we were serenaded by Garden Warblers and Blackcaps.

Setting off after lunch we stopped to admire cream Roman Orchids (*Dactylorhiza romana*) and the charming pansy *Viola heterophylla* ssp *graeca*, which occurs in Gargano, Albania and Greece. At the wood edge we found Green Hairstreak and Southern Festoon butterflies, before crossing a field onto a track, where we were serenaded by a nightingale, as ever heard rather than seen. We paused to enjoy a rocky hillside covered with *Iris lutescens* mainly in purple, but also cream, before returning to the buses. En route home we stopped to look at a bank covered with the Poet's Narcissus (*Narcissus poeticus*).

Day 4

Wednesday 23rd April

Weather: mainly sunny but windy

Today our destination was the Sacred Mountain, Monte Sacro. Following the twisty road out of Monte St Angelo, we descended to Mattinata, before starting the ascent to Monte Sacro, where we met with Giovanni, the author of the local orchid book. We set out up the rocky path, soon finding new species including the Dense-flowered Orchid (*Orchis intacta*, was *Neotinia maculata*) and the Toothed Orchid (*Orchis tridentata*), and fine specimens of Apulian Orchid (*Ophrys apulica*). Continuing up the path, through light woodland of Holm Oak, *Quercus ilex*, we encountered another new species, the yellow Sparse-flowered Orchid (*Orchis pauciflora*), together with stands of Four-spotted Orchid (*Orchis quadripunctata*). We also saw the delicate blue *Anchusa cretica*, and the unusual flowered *Aristolochia rotunda* with its pipe-shaped flowers. We eventually reached a little shrine with benches, for a well-deserved rest.

Some of the group continued to the top of the mountain, to the ruined monastery, finding on the way up some early specimens of Sword-leaved Helleborine, *Cephalanthera longifolia*. On the walls of the monastery we found the leaves of the endemic bellflower *Campanula garganica*, and the tiny Spring Rockcress, *Arabis verna*. Descending to the buses, we enjoyed a late picnic, before returning to Monte St Angelo, where group members had the opportunity to explore the ancient town with its castle and medieval church.

Day 5

Thursday 24th April

Weather: Mainly bright, showers around midday

Today we decided on a new venture, descending to the plains beyond Manfredonia. Our first stop was a field full of *Gladiolus italica*, with verge flowers including the golden Crown Daisies (*Glebionis (Chrysanthemum) coronarium*), poppies (*Papaver rhoeas*) and the blue large-flowered storksbill *Erodium ciconium*. We proceeded to the Salines di Margherita, where we focussed more on the birds, seeing among other species, Spoonbill, Little Egret, Avocet, Black-winged stilt, Curlew Sandpiper and wonderful flocks of flamingos. Among the plants were Squirting Cucumber (*Ecballium elaterium*), and several saltmarsh plants we could not get close enough to identify. On the sea side of the road was a magnificent bank of yellow Hottentot Fig (*Carpobrotis edulis*).

Lunch was taken in the grounds of an environmental centre, where we were able to explore arable field margins with more *Gladiolus italicus*, Bellardia (*Bellardia trixago*) and Large Venus' Looking Glass (*Legousia speculum-veneris*) while Marsh and Montagu's Harriers flew past.

In the afternoon we returned to the uplands of Gargano, enjoying en route the fine specimens of Giant Fennel, *Ferula communis*.

We were searching for Paeony which sadly was not in flower, but found another new orchid, the Elderflowered Orchid, *Dactylorhiza sambucina*, along with more Roman Orchids, *Dactylorhiza romana*. We also found a fine specimen of the Wild Service Tree, *Sorbus torminalis*.

Day 6

Friday 25th April

Weather: bright, some sun, but a very strong wind

Today it was time to pack and move on to our second hotel at Peschici. It was Liberation Day and everyone was out to enjoy the holiday. In the morning, we walked part of the Pilgrim's Path, down from Monte St Angelo, enjoying the shelter of the hillside. The rocks along the way were covered in patches of Aubretia (*Aubretia columnae*) and the contrasting Rockcresses: *Arabis caucasia*, with its large white flowers, probably naturalized, and Spring Rockcress, *Arabis verna*.

There were plenty of orchids along the path, including specimens of *Ophrys garganica*, *Ophrys incubacea*, *Ophrys promontorii*, and many hybrids. We were intrigued by some multi-petalled, ball shaped flowers of the buttercup *Ranunculus millefoliatus*, as well as the usual single flowers, but the star of the walk was a fine specimen of the green and black Widow Iris, *Hermodactylus tuberosus*. It is unusual to find it still in flower, and we had seen many seedpods.

Richard had taken one of the buses down to meet the group, and soon we had both vehicles, and were on our way north. Our route took us through the Foresta Umbra, which is predominantly Beech, with some ancient Yews. We stopped in the middle of the forest for our picnic, finding eventually a reasonably quiet picnic site, and the familiar Ransoms (*Allium ursinum*) and Snowdrop leaves (*Galanthus regina-olgae*) were found, while birds included Song Thrush, Blackcap and Firecrest.

After a leisurely break, we journeyed onwards to Peschici, and were soon settled into our hotel, with time to explore the beach or the town, in the afternoon sunshine.

Day 7

Saturday 26th April

Weather: Early cloud and rain, then bright and quite sunny, but with a strong wind

For our last day in the field, we headed westwards from Peschici along the coast and inland along the shores of Lago di Varano. It was disappointing for bird life, but a stop in a neglected olive grove gave fine examples of such plants as Rosy Garlic (*Allium rosea*), *Urospermum dalechampii*, and more Pink Hawksbeard (*Crepis rubra*). A stop along the road gave the opportunity to see Pyramidal Orchid (*Anacamptis pyramidalis*).

We then headed for the hills, to the 'Bosco di Spinipulci', up an extremely steep and pot-holed track, where we stopped for further exploration and, later, lunch. Here, among the rocky boulders, we found a treasure trove of new species including the Fragrant Orchid (*Orchis fragrans*), closely related to the Bug Orchid (*Orchis coriophora*), the Small-flowered Serapias (*Serapias parviflora*), and the beautiful and dramatic Heart-flowered Serapias (*Serapias cordigera*). There were more Ophrys specimens, mainly hybrids, but including a 'fairly pure' endemic *Ophrys parvimaculata*. The crimson spotted form of Small-flowered Catchfly (*Silene gallica var quinquevulnera*) was also found.

The thorny scrub was mainly Mediterranean Buckthorn (*Rhamnus alaternus*) and Christ's Thorn (*Paliurus spinachristi*), while we noted the small red-foliaged trees, which were found to be Turpentine Trees (*Pistacia terebinthus*). Serenaded by Golden Orioles, some of the group explored the woodland, finding Provence orchid (*Orchis provincialis*) and Spring Cyclamen (*Cyclamen repandum*).

After a rather windswept lunch we retraced our steps, and a short drive took us to a dolina: a collapsed underground cavern, the largest in Italy. Sadly we were unable to walk into it, but along the track we found various interesting plants including a fine patch of the Wild Pea, *Pisum sativum*, and Hairy Lupin, *Lupinus micranthus*. Returning to the buses (some were picked up along the way) we made our way back to Peschici, for our final evening.

Day 8

Sunday 27th April

Weather: bright and sunny

A very early start saw us winding our way up to the main road, with the sun rising over the sea. We headed west back towards Naples, passing a white stork in a field by the motorway.

Jessica said goodbye to the group in Naples airport, and the rest returned to Gatwick, after a week full of flowers.

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Species Lists

Plants

Scientific Name	Common name	Location
PTERIDOPHYTES (Ferns)		
Aspleniaceae		
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	Castle walls, Monte Sant' Angelo
<i>Ceterach officinarum</i>	Rustyback	Rocks and walls in pastures
<i>Phyllitis scolopendrium</i>	Hart's-tongue Fern	Foresta Umbra
Dennstaedtiaceae		
<i>Pteridium aquilinum</i>	Bracken	Pastures
Dryopteridaceae		
<i>Polystichum setiferum</i>	Soft-shield Fern	Foresta Umbra
PINOPSIDA (Gymnosperms - Conifers)		
Cupressaceae		
Juniper Family		
<i>Cupressus sempervirens</i>	Italian Cypress	Widespread
<i>Juniperus oxycedrus</i>	Prickly Juniper	Rocky pastures Monte Sant' Angelo
Pinaceae		
Pine Family		
<i>Pinus halapensis</i>	Aleppo Pine	Widespread
<i>Pinus pinaster</i>	Maritime Pine	En route
<i>Pinus pinea</i>	Stone or Umbrella Pine	En route
Taxaceae		
Yew Family		
<i>Taxus baccata</i>	Yew	Foresta Umbra
MAGNOLIOPSIDA (Angiosperms - Flowering Plants)		
Magnoliidae (Dicotyledons)		
Aceraceae		
Maple Family		
<i>Acer pseudoplatanus</i>	Sycamore	Bosco Quarto
<i>Acer obtusatum</i>		Monte Sant' Angelo
<i>Acer opalus</i>	Italian Maple	Bosco Quarto
Aizoaceae		
Dew-plant Family		
<i>Carpobrotus acinaciformis</i>	Hottentot Fig	Salines
Anacardiaceae		
Sumach Family		
<i>Pistacia lentiscus</i>	Mastic Tree	Monte Sacro
<i>Pistacia terebinthus</i>	Turpentine Tree	Bosci di Spinipulchi

Scientific Name	Common name	Location
Apiaceae (Umbelliferae)	Carrot Family	
<i>Daucus carota</i>	Wild Carrot	Rocky pastures, Monte Sant' Angelo
<i>Eryngium campestre</i>	Field Eryngo	Rocky pastures, Monte Sant' Angelo
<i>Ferrula communis</i>	Giant Fennel	Widespread, roadsides
<i>Laserpitium latifolium</i>	Broad-leaved Sermountain	Bosco Quarto roadside
<i>Orlaya grandiflora</i>	Orlaya	Pulsano Monastery
<i>Sanicula europaea</i>	Sanicle	Bosco Quarto
<i>Scandix pecten-veneris</i>	Shepherd's Needle	Rocky pastures, Monte Sant' Angelo
<i>Smyrnium perfoliatum</i>	Perfoliate Alexanders	Monte Sacro
<i>Smyrnium rotundifolium</i>		Monte Sacro
<i>Thapsia garganica</i>	Thapsia	Rocky pastures, Monte Sant' Angelo
<i>Tordylium apulum</i>	Tordylium	Pulsano Monastery
Apocynaceae	Periwinkle Family	
<i>Nerium oleander</i>	Oleander	Roadsides en route
<i>Vinca major</i>	Periwinkle	Dolina
Aquifoliaceae	Holly Family	
<i>Ilex aquifolium</i>	Holly	Foresta Umbra
Araliaceae	Ivy Family	
<i>Hedera helix</i>	Ivy	Bosco Quarto
Aristolochiaceae	Birthwort Family	
<i>Aristolochia rotunda</i>	A Birthwort	Monte Sacro
Asclepiadaceae	Milkweed Family	
<i>Vincetoxicum hirundinaria</i>	Swallow-wort	Rocky pastures Monte Sant' Angelo
Asteraceae (Compositae)	Daisy Family	
<i>Andryala integrifolia</i>	Andryala	Rocky pastures Monte Sant' Angelo
<i>Bellis perennis</i>	Daisy	Rocky pastures Monte Sant' Angelo
<i>Bellis sylvestris</i>	Southern Daisy	Rocky pastures Monte Sant' Angelo
<i>Calendula arvensis</i>	Field Marigold	Pulsano Monastery
<i>Carduus chrysacanthus</i>	Apennine Thistle	Rocky pastures Monte Sant' Angelo
<i>Cirsium eriophorum (Leaves only)</i>	Woolly Thistle	Bosco Quarto
<i>Crepis rubra</i>	Pink Hawksbeard	Rocky pastures Monte Sant' Angelo
<i>Crupina crupinastrum</i>	Crupina	Monte Sacro road
<i>Dittrichia viscosa</i>	Woody Fleabane	Monte Sacro road
<i>Doronicum columnae</i>	Heart-leaved Leopardsbane	Bosco Quarto
<i>Doronicum plantagenum</i>	A Leopardsbane	Bosco Quarto pasture
<i>Evax pygmaea</i>		Pulsano Monastery

Scientific Name	Common name	Location
<i>Galactites tomentosa</i>	Galacitites	Pulsano Monastery
<i>Glebionis (Chrysanthemum) coronarium</i>	Crown Daisy	Roadside near Salines
<i>Glebionis (Chrysanthemum) segetum</i>	Corn Marigold	Roadside near Salines
<i>Helichrysum stoechas</i>	A Curry Plant	Rocky pastures Monte Sant' Angelo
<i>Hyoseris radiata</i>		Rocky pastures Monte Sant' Angelo
<i>Inula verbascifolia</i>		Castle walls Monte Sant' Angelo
<i>Rhagadolius edulis</i>		Dolina
<i>Scorzonera lacinata</i>	Cut-leaved Viper's-grass	Rocky pastures Monte Sant' Angelo
<i>Scorzonera villosa</i>	Hairy Viper's Grass	Rocky pastures Monte Sant' Angelo
<i>Silybum marianum</i>	Milk Thistle	Pulsano Monastery
<i>Taraxacum agg.</i>	A Dandelion	Bosco Quarto
<i>Tragopogon sinuatus</i>		Rocky pastures Monte Sant' Angelo
<i>Urospermum dalechampii</i>		Rocky pastures Monte Sant' Angelo
Betulaceae	Birch Family	
<i>Corylus avellana</i>	Hazel	En route
<i>Carpinus orientalis</i>	Eastern Hornbeam	Bosco Quarto
<i>Ostrya carpinifolia</i>	Hop Hornbeam	Roadside Monte Sant' Angelo
Boraginaceae	Forget-me-not Family	
<i>Alkanna lehmanii</i>	Dyer's Alkanet	Rocky pastures Monte Sant' Angelo
<i>Anchusa cretica</i>		Monte Sacro
<i>Borago officinalis</i>	Borage	En route
<i>Echium vulgare</i>	Vipers Bugloss	Roadside near Manfredonia
<i>Lithodora (Buglossoides) purpureocaerulea</i>	Purple Gromwell	Road towards S Marco, day 5
<i>Myosotis arvensis</i>	Field Forget-me-not	Road towards S Marco, day 5
<i>Myosotis sp.</i>	A Forget-me-not	Rocky pastures Monte Sant' Angelo
<i>Onosma lucana (endemic)</i>	a Goldendrop	Pulsano Monastery
<i>Pulmonaria officinalis</i>	Common Lungwort	Bosco Quarto
Brassicaceae (Cruciferae)	Cabbage Family	
<i>Aethionema saxatile</i>		Rocky pastures Monte Sant' Angelo
<i>Alliaria petiolata</i>	Garlic Mustard	Bosco Quarto
<i>Alyssum montanum</i>	Mountain Alyssum	Rocky pastures Monte Sant' Angelo
<i>Alyssum saxatile</i>	Yellow Alyssum	Rocky pastures Monte Sant' Angelo
<i>Arabis caucasica</i>	Garden Rockcress	Monte Sant'Angelo and Pilgrims Path
<i>Arabis hirsuta</i>	Hairy Rockcress	Monte Sacro
<i>Arabis verna</i>	Spring Rockcress	Monte Sant'Angelo, Pilgrims Path
<i>Arabis turrata</i>	Tower Mustard	Dolina
<i>Aubretia columnae</i>	An Aubretia	Monte Sant' Angelo and Pilgrims Path
<i>Biscutella didyma</i>	Biscutella	Rocky pastures Monte Sant' Angelo
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	Pulsano Monastery

Scientific Name	Common name	Location
<i>Cardamine bulbifera</i>	Coralroot	Bosco Quarto
<i>Cardamine plumieri</i>	Ivy-leaved Bittercress	Bosco Quarto
<i>Isatis tinctoria</i>	Woad	En route
<i>Lepidium (Cardaria) draba</i>	Hoary Cress	Pulsano Monastery
<i>Lepidium latifolium</i>	Dittander	Pulsano Monastery
<i>Sinapis arvensis</i>	Charlock	Rocky pastures Monte Sant' Angelo
<i>Sisymbrium officinale</i>	Hedge Mustard	Roadside near Manfredonia
Cactaceae	Cactus Family	
<i>Opuntia ficus-indica</i>	Prickly Pear	En route
Campanulaceae	Bellflower Family	
<i>Campanula garganica (endemic)</i>	a Bellflower	Leaves onle Monte Sacro Monastery
<i>Legousia speculum-veneris</i>	Large Venus's Looking Glass	Field margin, Salines
<i>Legousia hybrida</i>	Venus's Looking Glass	Road verge Monte Sant' Angelo
Caprifoliaceae	Honeysuckle Family	
<i>Lonicera etrusca</i>	Etruscan Honeysuckle	Wood nr S Marco in Lamis
<i>Lonicera periclymenum</i>	Honeysuckle	Bosco Quarto
<i>Sambucus nigra</i>	Elder	En route
Caryophyllaceae	Pink Family	
<i>Cerastium fontanum</i>	Common Mouse-ear	Rocky pastures Monte Sant' Angelo
<i>Kohlruschia velutina</i>	Kohlruschia	Pulsano Monastery
<i>Minuartia sp.</i>	A Sandwort	Rocky pastures Monte Sant' Angelo
<i>Silene colorata</i>		Rocky pastures Monte Sant' Angelo
<i>Silene conica</i>	Sand Catchfly	Rocky pastures Monte Sant' Angelo
<i>Silene galica var. quinquevulnera</i>		Bosco di Spinapulci
<i>Silene italica</i>	Italian Catchfly	Pilgrims Path, Monte Sant' Angelo
<i>Silene latifolia</i>	White Campion	Monte Sacro
<i>Silene vulgaris</i>	Bladder Campion	Pulsano Monastery
<i>Stellaria media</i>	Common Chickweed	Bosco Quarto
<i>Stellaria nemorum</i>	Wood Stitchwort	Bosco Quarto
Celastraceae	Spindle Family	
<i>Euonymus europaeus</i>	Spindle	Dolina
Cistaceae	Rock-rose Family	
<i>Cistus creticus</i>	Pink Cistus	Roadside en route Monte Sacro
<i>Cistus monspeliensis</i>	Narrow-leaved Cistus	Roadside en route Monte Sacro
<i>Cistus salvifolius</i>	Sage-leaved Cistus	Roadside en route Monte Sacro
<i>Helianthemum apenninum</i>	White Rockrose	Rocky pastures Monte Sant'Angelo
<i>Helianthemum oelandicum (canum)</i>	Hoary Rockrose	Rocky pastures Monte Sant'Angelo

Scientific Name	Common name	Location
<i>Helianthemum nummularium</i>	Rockrose	Rocky pastures Monte Sant'Angelo
Convolvulaceae	Bindweed Family	
<i>Calystegia</i> sp.	A Bindweed	Peschici
<i>Convolvulus althaeoides</i>	Mallow-leaved Bindweed	Pulsano Monastery
<i>Cuscuta epithymum</i>	Common Dodder	Rocky pastures Monte Sant' Angelo
Crassulaceae	Stonecrop Family	
<i>Sedum rubens</i>	Reddish Stonecrop	En route
<i>Umbilicus rupestris</i>	Wall Pennywort	Dolina
Cucurbitaceae	Cucumber family	
<i>Ecballium elaterium</i>	Squirting Cucumber	Salines
Dipsacaceae	Teasel Family	
<i>Dipsacus fullonum</i>	Wild Teasel	Road verge Monte Sant'Angelo
Euphorbiaceae	Spurge Family	
<i>Euphorbia amygdaloides</i>	Wood Spurge	Bosco Quarto
<i>Euphorbia cyparisseus</i>	Cypress Spurge	Nr Peschici
<i>Euphorbia characias</i>	Mediterranean Spurge	Monte Sacro
<i>Euphorbia helioscopia</i>	Sun Spurge	Rocky pastures Monte Sant' Angelo
<i>Euphorbia myrsinites</i>	Broad-leaved Glaucous Spurge	Rocky pastures Monte Sant' Angelo
<i>Euphorbia segetalis</i>		Rocky pastures Monte Sant' Angelo
<i>Euphorbia spinosa</i>		Pulsano
<i>Mercurialis perennis</i>	Dog's Mercury	Bosco Quarto
Fabaceae (Leguminosae)	Pea Family	
<i>Anthyllis vulneraria</i> ssp <i>praepropera</i>	Kidney Vetch (pink)	Rocky pastures Monte Sant' Angelo
<i>Astragalus hamosus</i>	A Milk Vetch	Iris meadow Bosco Quarto
<i>Calycotome infesta</i>	Spiny Broom	En route Monte Sacro
<i>Cercis siliquastrum</i>	Judas Tree	Pulsano
<i>Coronilla emerus</i>	False Senna	En route Monte Sacro
<i>Coronilla scorpioides</i>	Annual Scorpion Vetch	Rocky pastures Monte Sant' Angelo
<i>Cytisus decumbens</i> ssp. <i>elatior</i>		Rocky pastures Monte Sant' Angelo
<i>Dorycnium hirsutum</i>	Dorycnium	Pulsano
<i>Hedysarum coronarium</i>	Italian Sainfoin	En route
<i>Hippocrepis glauca</i>	A Horseshoe Vetch	Rocky pastures Monte Sant' Angelo
<i>Lathyrus aphaca</i>	Yellow Vetchling	Bosco Quarto
<i>Lathyrus cicera</i>	A Vetchling	Road verge Monte Sant' Angelo
<i>Lathyrus setifolius</i>	Red Grass Vetchling	Rocky pastures Monte Sant' Angelo
<i>Lotus corniculatus</i>	Bird's-foot Trefoil	Monte Sacro
<i>Lupinus micranthus</i>	Hairy Lupin	Dolina

Scientific Name	Common name	Location
<i>Medicago arabica</i>	Spotted Medick	Bosco Quarto
<i>Medicago orbiculare</i>	Large Disk Medick	Rocky pastures Monte Sant' Angelo
<i>Medicago polymorpha</i>		Rocky pastures Monte Sant' Angelo
<i>Onnobrychis aquidentata</i>		Rocky pastures Monte Sant' Angelo
<i>Onobrychis caput-galli</i>	Cockscomb Sainfoin	Pulsano
<i>Onobrychis crista-galli</i>		Rocky pastures Monte Sant' Angelo
<i>Onobrychis saxatilis</i>	Rock Sainfoin	Rocky pastures Monte Sant' Angelo
<i>Pisum sativum ssp. elatior</i>	Cultivated Pea	Dolina
<i>Psoralea bituminosa</i>	Pitch Trefoil	Salines
<i>Robinia pseudacacia</i>	False Acacia	En route
<i>Securigera (Coronilla) varia</i>	Crown Vetch	Rocky pastures Monte Sant' Angelo
<i>Spartium junceum</i>	Spanish Broom	En route
<i>Trifolium campestre</i>	Hop Trefoil	Pulsano
<i>Trifolium incarnatum</i>	Crimson Clover	Road verges
<i>Trifolium repens</i>	White Clover	Pulsano
<i>Trifolium resupinatum</i>	Reversed Clover	Roadside stop nr S Giovanni Rotondo
<i>Trifolium stellatum</i>	Star Clover	Very common
<i>Trifolium subterraneum</i>	Burrowing clover	Iris meadow Bosco Quarto
<i>Trifolium tomentosum</i>	Woolly Trefoil	Pulsano
<i>Vicia bithynica</i>		Rocky pastures Monte Sant' Angelo
<i>Vicia cracca</i>	Tufted Vetch	Nr Peschici
<i>Vicia hirsuta</i>	Hairy Tare	Bosco Quarto
<i>Vicia lutea</i>	Yellow Vetch	Bosco Quarto
<i>Vicia melanops</i>		Pilgrims Path Monte Sant' Angelo
<i>Vicia narbonensis</i>		Roadside nr S Marco in Lamis
<i>Vicia peregrina</i>	Broad pod vetch	Road verges Monte Sant' Angelo
<i>Vicia sativa</i>	Common Vetch	Bosco Quarto
<i>Vicia villosa</i>	Fodder Vetch	Rocky pastures Monte Sant' Angelo
Fagaceae	Beech Family	
<i>Castanea sativa</i>	Sweet Chestnut	
<i>Quercus coccifera</i>	Spanish Oak	Monte Sacro
<i>Quercus cerris</i>	Turkey Oak	Bosco Quarto
<i>Quercus ilex</i>	Holm Oak	Monte Sacro
<i>Quercus pubescens</i>	Downy Oak	Monte Sacro
<i>Fagus sylvatica</i>	Beech	Foresta Umbra
Fumariaceae	Fumitory Family	
<i>Corydalis solida</i>	Bird-in-a-bush	Bosco Quarto
<i>Fumaria capreolata</i>	Tall Ramping Fumitory	Monte Sacro
<i>Fumaria muralis</i>	Common Ramping Fumitory	Monte Sacro
<i>Fumaria officinalis</i>	Common Fumitory	Rocky pastures Monte Sant' Angelo

Scientific Name	Common name	Location
Gentianaceae		
<i>Blackstonia perfoliata</i>	Yellow-wort	
Geraniaceae		
<i>Erodium ciconium</i>	A Stork's-bill	Roadside verge nr Manfredonia
<i>Erodium cicutarium</i>	Common Stork's-bill	Common
<i>Erodium malacoides</i>	Mallow-leaved Stork's-bill	Rocky pastures Monte Sant' Angelo
<i>Geranium columbinum</i>	Long-stalked Crane's-bill	Monte Sacro
<i>Geranium lucidum</i>	Shining Crane's-bill	Common
<i>Geranium molle</i>	Dove's-foot Crane's-bill	Common
<i>Geranium purpureum</i>	Little Robin	Pilgrims Path Monte Sant' Angelo
<i>Geranium robertianum</i>	Herb Robert	Walls Monte Sant' Angelo
<i>Geranium rotundifolium</i>	Round-leaved Crane's-bill	Rocky pastures Monte Sant' Angelo
<i>Geranium sanguineum</i>	Bloody Crane's-bill	Bosco Quarto first stop
Lamiaceae (Labiatae)		
<i>Ajuga chamaepitys</i>	Ground Pine	Pulsano
<i>Ajuga genevensis</i>	Blue Bugle	Bosco Quarto
<i>Clinopodium acinos</i>	Basil-thyme	Rocky pastures Monte Sant' Angelo
<i>Lamium bifidum</i>		Bosco Quarto
<i>Lamium garganicum</i>	Large Red Deadnettle	Bosco Quarto
<i>Lamium maculatum</i>	Spotted Deadnettle	Bosco Quarto
<i>Marrubium vulgare</i>	White Horehound	Bosco Quarto
<i>Origanum vulgare</i>	Oregano	Rocky pastures Monte Sant' Angelo
<i>Prasium majus</i>	Prasium	Monte Sacro
<i>Rosmarinus officinalis</i>	Rosemary	Roadsides east of Monte Sant' Angelo
<i>Salvia argentea</i>	Silver Sage	Rocky pastures Monte Sant' Angelo
<i>Salvia verbenaca</i>	Wild Clary	Rocky pastures Monte Sant' Angelo
<i>Satureja hortensis</i>	Savory	Monte Sacro
<i>Sideritis cretica</i>	Sideritis	Rocky pastures Monte Sant' Angelo
<i>Stachys cretica</i>	Mediterranean Woundwort	Dolina
<i>Thymus capitatus</i>	A Thyme	Rocky pastures Monte Sant' Angelo
Linaceae		
<i>Linum bienne</i>	Pale Flax	Rocky pastures Monte Sant' Angelo
<i>Linum narbonense</i>	Beautiful Flax	Bosco Quarto
<i>Linum perenne</i>	Perennial Flax	Rocky pastures Monte Sant' Angelo
Malvaceae		
<i>Lavatera arborea</i>	Tree Mallow	Nr Peschici
<i>Malva neglecta</i>	Dwarf Mallow	Bosco Quarto
<i>Malva sylvestris</i>	Common Mallow	Rocky pastures Monte Sant' Angelo

Scientific Name	Common name	Location
Moraceae <i>Ficus carica</i>	Mulberry Family Fig	En route
Oleaceae <i>Fraxinus ornus</i> <i>Ligustrum vulgare</i> <i>Olea europaea</i>	Olive Family Flowering Ash Privet Olive	Bosco di Spinapulci Bosco Quarto Rocky pastures Monte Sant' Angelo
Orobanchaceae <i>Orobanche minor</i> <i>Orobanche ramosa</i>	Broomrape Family Common Broomrape Branched Broomrape	Monte Sacro Bosco di Spinapulci
Paeoniaceae <i>Paeonia mascula</i>	Paeony Family A Paeony	Roadside nr S Marco in Lamis (Ivs only)
Papaveraceae <i>Papaver apulum</i> <i>Papaver rhoeas</i>	Poppy Family Common Poppy	Pulsano Meadow nr Manfredonia
Plantaginaceae <i>Plantago lanceolata</i> <i>Plantago maritima</i>	Plantain Family Ribwort Plantain Sea Plantain	Monte Sant' Angelo Bosco Quarto
Polygalaceae <i>Polygala nicaeensis</i>	Milkwort Family Nice Milkwort	Roadside nr S Marco in Lamis
Primulaceae <i>Anagallis arvensis</i> <i>Cyclamen hederifolium</i> <i>Cyclamen repandum</i>	Primrose Family Scarlet Pimpernel Ivy-leaved Sowbread Spring Cyclamen	Rocky pastures Monte Sant' Angelo Bosco Quarto (Ivs) Bosco di Spinapulci
Ranunculaceae <i>Anemone apennina</i> <i>Anemone hortensis</i> <i>Clematis sp.</i> <i>Nigella damascina</i> <i>Ranunculus acris</i> <i>Ranunculus aquatilis</i> <i>Ranunculus arvensis</i> <i>Ranunculus bulbosus</i> <i>Ranunculus ficaria</i> <i>Ranunculus millefoliatus</i>	Buttercup Family Blue Anemone a Clematis Love-in-a-mist Meadow Buttercup Common Water-crowfoot Corn Buttercup Bulbous Buttercup Lesser Celandine	Bosco Quarto Rocky pastures Monte Sant' Angelo Rocky pastures Monte Sant' Angelo Roadside stop nr Sanicandro Garganico Bosco Quarto Bosco Quarto Bosco Quarto Bosco Quarto Pilgrim's Path Monte Sant' Angelo Rocky pastures Monte Sant' Angelo

Scientific Name	Common name	Location
<i>Ranunculus peltatus</i>	Pond Water-crowfoot	Bosco Quarto
<i>Ranunculus sceleratus</i>	Celery-leaved Buttercup	Bosco Quarto
<i>Ranunculus velutinus</i>		Roadside stop nr S Marco in Lamis
Resedaceae	Mignonette Family	
<i>Reseda alba</i>	White Mignonette	Rocky pastures Monte Sant' Angelo
<i>Reseda lutea</i>	Wild Mignonette	Rocky pastures Monte Sant' Angelo
<i>Reseda phyteuma</i>	Corn Mignonette	Rocky pastures Monte Sant' Angelo
Rhamnaceae	Buckthorn Family	
<i>Paliurus spina-christi</i>	Christ's Thorn	Bosco di Spinapulci
<i>Rhamnus alaternus</i>	Mediterranean Buckthorn	Bosco di Spinapulci
Rosaceae	Rose Family	
<i>Aremonia agrimonoides</i>	(Yellow Geum/Strawberry like plant)	Bosco Quarto
<i>Crataegus monogyna</i>	Hawthorn	Rocky pastures
<i>Cydonia oblonga</i>	Quince	Rocky pastures Monte Sant' Angelo
<i>Filipendula vulgaris</i>	Dropwort	Roadside stop nr S Marco in Lamis
<i>Fragaria vesca</i>	Wild Strawberry	Bosco Quarto
<i>Geum urbanum</i>	Wood Avens	Bosco Quarto
<i>Malus sylvestris</i>	Crab Apple	Bosco Quarto open ground
<i>Potentilla hirta</i>	Hairy Cinquefoil	Rocky pastures Monte Sant' Angelo
<i>Poterium verrucosum</i>	Mediterranean Salad Burnet	Rocky pastures Monte Sant' Angelo
<i>Prunus dulcis</i>	Almond	Rocky pastures Monte Sant' Angelo
<i>Prunus spinosa</i>	Blackthorn	Bosco Quarto
<i>Pyrus amygdaliformis</i>	Almond-leaved Pear	Rocky pastures Monte Sant' Angelo
<i>Rosa sp.</i>	A Rose	Bosco Quarto
<i>Rubus sanctus</i>	Bramble	Bosco Quarto
<i>Sorbus aucuparia</i>	Rowan	Roadside Monte Sant' Angelo
<i>Sorbus torminalis</i>	Wild Service Tree	Roadside stop nr S Marco in Lamis
Rubiaceae	Bedstraw Family	
<i>Asperula arvensis</i>	Blue Woodruff	Rocky pastures Monte Sant' Angelo
<i>Cruciata laevipes</i>	Crosswort	Roadside stop nr S Marco in Lamis
<i>Galium aparine</i>	Cleavers	Rocky pastures Monte Sant' Angelo
<i>Galium odoratum</i>	Woodruff	Foresta Umbra
<i>Galium verum</i>	Lady's Bedstraw	Rocky pastures Monte Sant' Angelo
<i>Rubia peregrina</i>	Wild Madder	Monte Sacro
<i>Sheradia arvensis</i>	Field Madder	Rocky pastures Monte Sant' Angelo
Rutaceae	Rue Family	
<i>Ruta chalepensis</i>	Fringed Rue	Pulsano

Scientific Name	Common name	Location
Saxifragaceae		
<i>Saxifraga bulbifera</i>	Bulbous Saxifrage	Rocky pastures Monte Sant' Angelo
<i>Saxifraga granulata</i>	Meadow Saxifrage	Bosco Quarto
<i>Saxifraga tridactylites</i>	Rue-leaved Saxifrage	Rocky pastures Monte Sant' Angelo
Scrophulariaceae		
Figwort Family		
<i>Antirrhinum siculum</i>	Sicilian Snapdragon	Peschici
<i>Bellardia trixago</i>	Bellardia	Roadside stop nr Manfredonia
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	Rocky pastures Monte Sant' Angelo
<i>Euphrasia</i> agg.	An Eyebright	Bosco Quarto open ground
<i>Linaria pelisseriana</i>	Jersey Toadflax	Rocky pastures Monte Sant' Angelo
<i>Parentucella latifolia</i>	Southern Red Bartsia	Rocky pastures Monte Sant' Angelo
<i>Scrophularia canina</i>	Dog (French) Figwort	Bosco Quarto
<i>Scrophularia peregrina</i>	Italian (Nettle-leaved) Figwort	Bosco di Spinapulci
<i>Verbascum thapsus</i>	Aaron's Rod	En route
<i>Verbascum undulatum</i>		Peschici
<i>Veronica cymbalaria</i>	Cymbalaria-leaved Speedwell	Rocky pastures Monte Sant' Angelo
<i>Veronica hederifolia</i>	Ivy-leaved Speedwell	Bosco Quarto
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	Bosco Quarto
Solanaceae		
Nightshade Family		
<i>Hyoscyamus alba</i>	White Henbane	Pulsano
Thymelaeaceae		
Daphne Family		
<i>Daphne laureola</i>	Spurge Laurel	Bosco Quarto
Ulmaceae		
Elm Family		
<i>Ulmus</i> sp.	An Elm	Monte Sant' Angelo
Urticaceae		
Nettle Family		
<i>Parientaria judaica</i>	Pellitory of the Wall	Pulsano
<i>Urtica dioica</i>	Nettle	Monte Sant' Angelo
Valerianaceae		
Valerian Family		
<i>Centranthus ruber</i>	Red Valerian	En route
<i>Valeriana tuberosa</i>		Rocky pastures Monte Sant' Angelo
<i>Valerianella</i> sp.	A Cornsalad	Rocky pastures Monte Sant' Angelo
Violaceae		
Violet Family		
<i>Viola arvensis</i>	Field Pansy	Bosco Quarto
<i>Viola heterophylla</i> ssp. <i>greca</i>		Bosco Quarto
<i>Viola riviniana</i>	Common Dog Violet	Bosco Quarto

Scientific Name	Common name	Location
Vitaceaea	Grape-vine Family	
<i>Vitis vinifera</i>	Grape	En route
MONOCOTYLEDONS		
Liliidae (Monocotyledons)		
Araceae	Arum Family	
<i>Arum italicum</i>	Large Cuckoo Pint	Bosco di Spinapulci
<i>Arum maculatum</i>	Cuckoo Pint	Monte Sacro
Cyperaceae	Sedge Family	
<i>Luzula campestris</i>	Field Wood-rush	Monte Sacro
<i>Luzula forsteri</i>	Southern Wood-rush	Bosco Quarto
Dioscoreaceae	Black Bryony Family	
<i>Tamus communis</i>	Black Bryony	Bosco Quarto
Iridaceae	Iris Family	
<i>Crocus sp.</i>	A Crocus	Monte Sacro
<i>Gladiolus italicus</i>	Field Gladiolus	Field nr Manfredonia
<i>Gynandriris sisyrinchium</i>	Barbary Nut Iris	Pulsano
<i>Hermodactylus tuberosus</i>	Widow or Snake's-head Iris	Pilgrims' Path, Monte Sant' Angelo
<i>Iris lutescens</i>		Bosco Quarto open ground
<i>Iris pseudopumilla</i>		Rocky pastures Monre Sant' Angelo
Liliaceae	Lily Family	
<i>Allium pendulinum</i>		Bosco di Spinapulci
<i>Allium roseum</i>	Rose Garlic	Old Olive Grove, Lago di Varano
<i>Allium subhirsutum</i>		Pulsano
<i>Allium ursinum</i>	Ramsons	Foresta Umbra
<i>Asparagus sp.</i>	An Asparagus	Bosco di Spinapulci
<i>Asphodeline lutea</i>	Yellow Asphodel	Pulsano
<i>Asphodelus aestivus</i>	Common Asphodel	Pulsano
<i>Asphodelus fistulosus</i>	Hollow-leaved Asphodel	Salines
<i>Galanthus reginae-olgae (leaves)</i>	Autumn Snowdrop	Foresta Umbra
<i>Muscari comosum</i>	Tassel Hyacinth	Rocky pastures Monte Sant' Angelo
<i>Muscari neglecta</i>	Dark Grape Hyacinth	Rocky pastures Monte Sant' Angelo
<i>Narcissus poeticus</i>	Pheasant's-eye Daffodil	Bosco Quarto
<i>Ornithogalum montanum</i>	A Star of Bethlehem	Rocky pastures Monte Sant' Angelo
<i>Ornithogalum umbellatum</i>	Common Star of Bethlehem	Rocky pastures Monte Sant' Angelo
<i>Polygonatum multiflorum</i>	Solomon's Seal	Bosco Quarto
<i>Ruscus aculeatus</i>	Butcher's Broom	Bosco Quarto

Scientific Name	Common name	Location
<i>Smilax aspera</i>	Common Smilax	Bosco Quarto
<i>Urginea maritima</i> (leaves)	Sea Squill	Bosco di Spinapulci
Orchidaceae	Orchid Family	
<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	Roadside stop nr Sannicandro Garganico
<i>Cephalanthera longifolia</i>	Sword-leaved Helleborine	Monte Sacro
<i>Dactylorhiza fuchsii</i> (leaves)	Common Spotted-orchid	Roadside stop nr S Marco in Lamis
<i>Dactylorhiza romana</i>	Roman Orchid	Bosco Quarto
<i>Dactylorhiza sambucina</i>	Elderflower Orchid	Roadside stop nr S Marco in Lamis
<i>Gymnadenia conopsea</i>	Fragrant Orchid	Bosco di Spinapulci
<i>Himantoglossum robertianum</i> (<i>Barlia robertiana</i>)	Giant Orchid	Rocky pastures Monte Sant' Angelo
<i>Neottia nidus-avis</i>	Bird's Nest Orchid	Bosco Quarto (old stems only)
<i>Ophrys apulica</i> (endemic)	Apulian Ophrys	Monte Sacro
<i>Ophrys bertoloniformis</i> (endemic)		Rocky pastures Monte Sant' Angelo
<i>Ophrys bertolonii</i>	Bertoloni's Ophrys	Rocky pastures Monte Sant' Angelo
<i>Ophrys biscutella</i>	Spectacled Ophrys	Bosco Quarto pasture
<i>Ophrys bombyliflora</i>	Bumblebee Ophrys	Bosco Quarto pasture
<i>Ophrys fuciflora</i>		Rocky pastures Monte Sant' Angelo ?
<i>Ophrys fusca</i>	Dull Ophrys	Rocky pastures Monte Sant' Angelo
<i>Ophrys passionis</i> var. <i>garganica</i> (<i>O. garganica</i> - endemic)	Gargano Ophrys	Rocky pastures Monte Sant' Angelo
<i>Ophrys incubacea</i>	Dark Ophrys	Rocky pastures Monte Sant' Angelo
<i>Ophrys lutea</i>	Yellow Ophrys	Rocky pastures Monte Sant' Angelo
<i>Ophrys promontorii</i> (endemic)		Rocky pastures Monte Sant' Angelo
<i>Ophrys sicula</i>		Rocky pastures Monte Sant' Angelo
<i>Ophrys tenthredinifera</i>	Sawfly Ophrys	Rocky pastures Monte Sant' Angelo
<i>Orchis anthropophorum</i>	Man Orchid	Rocky pastures Monte Sant' Angelo
<i>Orchis fragrans</i>	Bug Orchid	Bosco di Spinapulci
<i>Orchis intacta</i> (<i>Neotinea maculata</i>)	Dense-flowered Orchid	Monte Sacro
<i>Orchis italica</i>	Naked Man Orchid	Rocky pastures Monte Sant' Angelo
<i>Orchis lactea</i>	Milky Orchid	Rocky pastures Monte Sant' Angelo
<i>Orchis morio</i>	Green-winged Orchid	Rocky pastures Monte Sant' Angelo
<i>Orchis picta</i> (<i>O. morio</i> var. <i>picta</i>)		Bosco Quarto pasture
<i>Orchis papilionacea</i>	Pink Butterfly Orchid	Rocky pastures Monte Sant' Angelo
<i>Orchis pauciflora</i>	Sparse Flowered Orchid	Monte Sacro
<i>Orchis provincialis</i>	Provence Orchid	Bosco di Spinapulci
<i>Orchis purpurea</i>	Lady Orchid	Rocky pastures Monte Sant' Angelo
<i>Orchis quadripunctata</i>	Four-spotted Orchid	Rocky pastures Monte Sant' Angelo
<i>Orchis tridentata</i>	Toothed Orchid	Rocky pastures Monte Sant' Angelo
<i>Orchis ustulata</i>	Burnt Tip Orchid	Rocky pastures Monte Sant' Angelo
<i>Serapias cordigera</i>	Heart-flowered Tongue Orchid	Bosco di Spinapulci
<i>Serapias lingua</i>	Tongue Orchid	Monte Sacro

Scientific Name	Common name	Location
<i>Serapias parviflora</i>	Small-flowered Tongue Orchid	Bosco di Spinapulci
<i>Serapias vomeraceae</i>	Plough-share Tongue Orchid	Pulsano
Hybrids (a selection)		
<i>Ophrys incubacea</i> x <i>Ophrys garganica</i>		Rocky pastures Monte Sant' Angelo
<i>Ophrys incubacea</i> x <i>Ophrys bertolonii</i>		Bosco Quarto pasture
<i>Orchis anthropophorum</i> x <i>Orchis italica</i>		Rocky pastures Monte Sant' Angelo
<i>Orchis morio</i> x <i>Orchis papilionacea</i>		Rocky pastures Monte Sant' Angelo
Poaceae		
<i>Aegilops geniculata</i>		Monte Sacro
<i>Anisantha sterilis</i>	Barren Brome	
<i>Arundo donax</i>	Giant Reed	Salines
<i>Avena</i> sp.	A Wild Oat	Monte Sacro
<i>Briza maxima</i>	Large Quaking Grass	Rocky pastures Monte Sant' Angelo
<i>Briza media</i>	Quaking grass	Dolina
<i>Catapodium rigidum</i>	Fern Grass	Monte Sacro
<i>Festuca vivipera</i>	Viviparous Fescue	Rocky pastures Monte Sant' Angelo
<i>Hordeum</i> sp.	A Barley	Dolina
<i>Lagurus ovatus</i>	Hare's-foot Grass	Rocky pastures Monte Sant' Angelo
<i>Melica uniflora</i>	Wood Melick	Bosco Quarto
<i>Phragmites australis</i>	Common Reed	Salines
<i>Stipa</i> sp.	A Feather Grass	Roadside nr Monte Sant' Angelo

Birds (H = heard only)

	Common name	Scientific name	April							
			20	21	22	23	24	25	26	27
1	Great Crested Grebe	<i>Pociceps cristatus</i>					X		X	
2	Shearwater sp								X	
3	Little Egret	<i>Egretta garzetta</i>	X				X			
4	White stork	<i>Ciconia ciconia</i>								X
5	Spoonbill	<i>Platalea leucorodia</i>	X				X			
6	Greater Flamingo	<i>Phoenicopterus ruber</i>					X			
7	Shelduck	<i>Tadorna tadorna</i>					X			
8	Garganey	<i>Anas querquedula</i>					X			
9	Marsh Harrier	<i>Circus aeruginosus</i>					X			
10	Montagu's Harrier	<i>Circus pygargus</i>					XL			
11	Buzzard	<i>Buteo buteo</i>		X				X	X	
12	Kestrel	<i>Falco tinnunculus</i>		X		X	X	X		
13	Peregrine Falcon	<i>Falco peregrinus</i>							X	
14	Moorhen	<i>Gallinula chloropus</i>					X			
15	Avocet	<i>Recurvirostra avosetta</i>	X				X			
16	Black-winged Stilt	<i>Himantopus himantopus</i>	X				X			
17	Kentish Plover	<i>Charadrius alexandrinus</i>					X			
18	Grey Plover	<i>Pluvialis squatarola</i>					X			
19	Turnstone	<i>Arenaria interpres</i>	X							
20	Dunlin	<i>Calidris alpina</i>					X			
21	Curlew Sandpiper	<i>Calidris ferruginea</i>					X			
22	Redshank	<i>Tringa totanus</i>					X			
23	Spotted Redshank	<i>Tringa erythropus</i>					X			
24	Whimbrel	<i>Numenius phaeopus</i>					X			
25	Slender-billed Gull	<i>Larus genei</i>					X			
26	Yellow-legged Gull	<i>Larus cachinnans</i>					X	X	X	
27	Sandwich Tern	<i>Sterna sandvicensis</i>					X			
28	Wood Pigeon	<i>Columba palumbus</i>		X	X	X	X	X		
29	Collared Dove	<i>Streptopelia decaocto</i>						X		
30	Cuckoo	<i>Cuculus canorus</i>		H	H	H	X	H	H	
31	Common Swift	<i>Apus apus</i>	X	X	X	X	X	X	X	X
32	Hoopoe	<i>Upupa epops</i>		X		X	H	H	H	
33	Green Woodpecker	<i>Picus viridis</i>				X	X	H	H	
34	Great Spotted Woodpecker	<i>Dendrocopos major</i>			X					
35	Woodlark	<i>Lullula arborea</i>		X						
36	Crested Lark	<i>Galerida cristata</i>	X	X	X	X	X	X	X	
37	Barn Swallow	<i>Hirundo rustica</i>	X	X	X	X	X	X	X	X
38	House Martin	<i>Delichon urbica</i>	X	X	X	X	X		X	
39	White Wagtail	<i>Motacilla alba</i>			X		X	X		
40	Wren	<i>Troglodytes troglodytes</i>				X		H		
41	Robin	<i>Erithacus rubecula</i>			X			X		
42	Nightingale	<i>Luscinia megarhynchos</i>			H		H		H	
43	Northern Wheatear	<i>Oenanthe oenanthe</i>			X	X				
44	Stonechat	<i>Saxicola torquata</i>		X	X	X	X		X	
45	Blackbird	<i>Turdus merula</i>		X	X		X			
46	Blackcap	<i>Sylvia atricapilla</i>			X		X	X	H	

	Common name	Scientific name	April							
			20	21	22	23	24	25	26	27
47	Lesser Whitethroat	<i>Sylvia curruca</i>			X					
48	Whitethroat	<i>Sylvia communis</i>			X	X	X	X		
49	Subalpine Warbler	<i>Sylvia cantillans</i>		X		X	X	X		
50	Chiffchaff	<i>Phylloscopus collybita</i>			X					
51	Firecrest	<i>Regulus ignicapillus</i>			X			X		
52	Great Tit	<i>Parus major</i>		H	X	X	H	H		
53	Nuthatch	<i>Sitta europaea</i>			X					
54	Magpie	<i>Pica pica</i>	X	X	X	X	X	X	X	X
55	Jay	<i>Garrulus glandarius</i>			X	X	X	X		
56	Jackdaw	<i>Corvus monedula</i>		X	X		X	X	X	
57	Hooded Crow	<i>Corvus corone</i>		X	X		X	X	X	X
58	Starling	<i>Sturnus vulgaris</i>	X							X
59	Golden Oriole	<i>Oriolus oriolus</i>							H	
60	Italian Sparrow	<i>Passer x italicus</i>	X	X	X	X	X	X	X	X
61	Chaffinch	<i>Fringilla coelops</i>			X		X	X		
62	Linnet	<i>Carduelis cannabina</i>	X	X		X				
63	Goldfinch	<i>Carduelis carduelis</i>	X	X	X				X	
64	Serin	<i>Serinus serinus</i>	X	X	X	X	X	X	X	X
65	Cirl Bunting	<i>Emberiza cirlus</i>		X	X	X	X	X		
66	Corn Bunting	<i>Miliaria calandra</i>		X	X	X	X	X		

Butterflies

	Common name	Scientific name	April							
			20	21	22	23	24	25	26	27
1	Swallowtail	<i>Papilio machaon</i>					X			
2	Southern Festoon	<i>Zerynthia polyxena</i>			X					
3	Large White	<i>Pieris brassicae</i>		X						
4	Small White	<i>Artogeia rapae</i>		X						
5	Green-veined White	<i>Artogeia napi</i>		X		X			X	
6	Eastern Bath White	<i>Pontia edusa</i>					X			
7	Eastern Dappled White	<i>Euchloe ausonia</i>		X						
8	Orange Tip	<i>Anthocharis cardamines</i>		X		X	X	X		
9	Clouded Yellow	<i>Colias croceus</i>		X			X			
10	Brimstone	<i>Gonepteryx rhamni</i>		X						
11	Wood White	<i>Leptidea sinapis</i>				X				
12	Green Hairstreak	<i>Callophrys rubi</i>			X			X		
13	Little Blue	<i>Cupido minimus</i>		X		X	X			
14	Green-underside Blue	<i>Glaucopsyche alexis</i>		X						
15	Baton Blue	<i>Pseudophilotes baton</i>					X			
16	Brown Argus	<i>Aricia agestis</i>		X						
17	Common Blue	<i>Polyommatus icarus</i>		X						
18	Red Admiral	<i>Vanessa atalanta</i>			X	X	X	X		
19	Painted Lady	<i>Vanessa cardui</i>		X	X				X	
20	Small Heath	<i>Coehonympha pamphilus</i>		X	X	X	X			
21	Speckled Wood	<i>Pararge aegeria</i>								
22	Wall Brown	<i>Lasiommata megera</i>		X						

Other Insects

Field Cricket	<i>Gryllus campestris</i>	Heard
Day-flying Burnet moth	<i>Syntomis phegea</i>	Bosco di Spinapulci
cf. Transparent Burnet	<i>Zygaena purpuralis</i>	Bosco di Spinapulci
cf Brown-tail Moth Caterpillars	<i>Euproctis chrysorrhoea</i>	Abundant colonies, rocky pastures, Monte Sant'Angelo
Dung Beetle	<i>Scarabaeus sp.</i>	Rocky pastures, Monte Sant'Angelo

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