

# Flowers of Italy's Gargano Peninsula

Naturetrek Tour Report

29 April - 6 May 2007

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Libelloides sp.



Purple Gromwell



Man Orchids

Report compiled by Robert Mileto and Jason Mitchell  
Photos by Su Gough



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 Leaders: Robert Mileto  
Jason Mitchell

Participants: Tony Anderson  
Margaret Birks  
Barbara Bowden  
Sheila Gregory  
Evelyn Payne  
Peter Payne  
Jill Titley  
Mike Titley

## Day 1

Sunday 29th April

A number of us managed to meet up for breakfast at London Gatwick and a smooth flight brought us to Naples and our journey across the Apennines to the Gargano peninsula. A handful of plants and birds were spotted en route, despite the speed, including the showy red Italian Sainfoin (*Hedysarum coronarium*), Black Kite and Marsh Harrier.

We reached the Hotel in Monte Sant'Angelo in the early evening in time for a quick stroll and the first of our 42 orchid species - and an endemic at that, *Ophrys bertoloniiiformis*.

## Day 2

Monday 30th April

A bright sunny start to the day exploring the natural 'rock gardens' of the terraced fields, a stones throw from the hotel.

We wandered and wondered at the sheer abundance and diversity of flowers, colours and scents: the blues of Dyer's Alkanet (*Alkanna lehmannii*) and Perennial Flax (*Linum perenne*), the yellows of the Yellow Alyssum (*Alyssum saxatile*), Horseshoe Vetch (*Hippocrepis glauca*) and Woad (*Isatis tinctoria*) and the pure white of the Common Star-of-Bethlehem (*Ornithogalum montanum*) and Shepherd's Needle (*Sandix pecten-verneris*).

Here too was our second taste of the tortuous *Ophrys* group including the endemic Gargano *Ophrys* (*Ophrys passionis* var. *garganica*), Dark *Ophrys* (*O. incubacea*) and the rather cruelly named Dull *Ophrys* (*O. fusca*).

A picnic lunch was followed by more strolling, but as the grey clouds threatened rain, some decided to stroll towards the Hotel rather than risk a soaking. As it turned out, it stayed dry and some of us took in another big helping of orchids including Man Orchid (*Orchis anthropophorum*), Naked Man Orchid (*Orchis italica*), the dinky Four-spotted (*Orchis quadripunctata* & *O. ustulata*) and Burnt-tip Orchids (and the statuesque Lizard Orchid (*Himantoglossum hircinum*). Our final stop for the day was the monastery at Pulsano where the endemic Goldendrops (*Onosma lucana*) was clinging to the cliff edge.

## Day 3

Tuesday 1st May

Due to the unseasonably early spring, in the flowery fields on the way to the Bosco Quarto, we had our first views of several plants we rarely see in flower on this trip - the elegant Dropwort (*Filipendula vulgaris*), Hairy Cinquefoil (*Potentilla hirta*) and a Birthwort (*Aristolochia rotunda*) amongst them. More Ophrys Orchids awaited, including the (relatively) distinctive Sawfly Ophrys (*Ophrys tenthredinifera*) as well as the small, but perfectly formed, Tongue Orchid (*Serapias lingua*). In a little clump of trees we came across the rather lovely *Viola heterophylla* in cream, lilac and purple.

Moving on to the Bosco Quarto, we enjoyed a picnic lunch amongst the trees to the sound of many a woodland bird. After food we made our way through the Bird's-nest Orchids (*Neottia nidus-avis*), Butcher's Broom (*Ruscus aculeatus*) and Spurge Laurel (*Daphne laureola*). Eventually we found Roman Orchid (*Dactylorhiza romana*) as Nightingale sang....and then the rain started which made it harder to appreciate the swathes of beautiful *Iris lutescens* (also in cream, lilac and purple varieties) near the end of our now soggy stroll.

## Day 4

Wednesday 2nd May

The climbing of Monte Sacro, the 'sacred mountain', but not before Giovanni (the local author of a book of Gargano orchids) flogged some of us copies of his book.

Beginning our climb, we were soon in the thick of lots of lovely flowers including the ineptly named Bug Orchid (*Orchis fragrans*), Yellow Vetching (*Lathyrus aphaca*), the pink variety of Kidney Vetch (*Anthyllis vulneraria*) and new for the many years this trip has run, the relatively distinctive tongue orchid *Serapias politisii*.

Higher up, we came upon a bank of dainty Few-flowered Orchids (*Orchis pauciflora*) ...and Man Orchid ...and ....Four-spotted Orchid and... Yellow Ophrys (*Ophrys lutea*) and..... Bertoloni's Ophrys (*Ophrys bertolonii*) - five orchid species and all within arms distance of each other (well, if you have extra long arms)!

Halfway up Monte Sacro was enough of a climb for everyone, especially as this was far enough to take in Sword-leaved Helleborine (*Cephalanthera longifolia*).

Lunch was the now familiar picnic in a scenic spot. The post-lunch strolls gave us fine views over the Adriatic and a chance get close to three Cistus species (*C. monspeliensis*, *C. creticus* and *C. salvifolius*), as well as the deeply pink and beautiful Pyramidal Orchid (*Anacamptis pyramidalis*).

## Day 5

Thursday 3rd May

While the rest of the group looked around the old town of Monte Sant'Angelo for the morning, Jill, Mike and Jason took a trip along the Manfredonia coast. Our destination was the saltpans of Margherita di Savoia and more importantly the birds that it held. We were not disappointed, with each body of water holding new and exciting species. Our first stop was at a rather unassuming stand of water fringed in part by some reeds, however on closer examination it held several species of wader, including a black-winged stilt sat on a nest which it was protecting from an inquisitive pair of avocet.

Following several strategic stops to investigate the salt pans we headed homewards. After a short distance a stunning male Montagu's Harrier prompted a further stop, as we watched the harrier 'floating' by, Mike noticed several small birds on some adjacent power lines. On closer examination they turned out to be a party of Lesser Kestrels and Red-footed Falcons, no sooner had we focussed our binoculars than with a loud bang and a flash of electricity a single bird fell to earth. As we stood rather stunned our attention was taken once more by five Honey Buzzards passing overhead. It was a truly memorable (and slightly sad) end to a great morning of birding.

Monte Sant'Angelo is a pleasant town with an old castle and a famous underground church. We spent the morning wandering the narrow streets, buying presents (including pig-shaped cheese!), sipping coffee and even botanising - the castle walls supporting an Aubretia (*Aubretia columnae*) and the endemic *Inula verbascifolia* (sadly not in flower).

In the afternoon the whole group headed off in search of, and finding, a lovely Paeony (*Paeonia mascula*) with a solitary bloom and into the bargain we stumbled across a patch of Common Spotted-orchid (*Dactylorhiza fuchsii*). A little further down the same lane we stopped to admire a field full of Greed-winged and Pink Butterfly orchids (*Orchis morio* & *Orchis papilionacea*) and some hybrids twixt the two.

Then it was back to Monte Sant'Angelo for a delicious group ice cream overlooking the Adriatic.

## Day 6

Friday 4th May

Promptly packed for our transfer to Peschici on the northern coast, we headed off to start a stroll down the 'Pilgrim's Path'. The sunny banks were awash with orchids, including some lovely Lady Orchids (*Orchis purpurea*), at one point within easy view of seven other orchid species; Green-winged, Pink Butterfly, Gargano Ophrys, Dark Ophrys, Bertoloni's Ophrys, *Ophrys promontorii* (an endemic) and Toothed Orchid (*Orchis tridentata*), easily outdoing the five at arms length on Monte Sacro!

Just before lunch, we stopped and Jason coaxed a rather handsome Field Cricket out of its hidey-hole with a grass stem and we were able to admire more *Iris lutescens* in the dry.

Following lunch the deep shade of the Foresta Umbra, a post-food stop had us cooing over extra fine specimens of the Apulian Ophrys (*Ophrys apulica*) along with Bee Orchid (*Ophrys apifera*), here with white sepals rather than the usual pink in the UK.

We reached our beachside hotel in Peschici in time for a paddle in the sea and/or a trip into town.

## Day 7

Saturday 5th May

Our last full day in Gargano found Jill, Mike and Jason once more in search of birds. After a drive along the coast we reached the eastern shore of Lake Varano and were immediately greeted by a Squacco Heron perched in full view near to the shore. A short walk gave great views of many species of raptor including Marsh Harriers which appeared to be everywhere and a majestic Short-toed Eagle hunting overhead. As we returned to the car the distinctive rippling calls of Bee-eaters revealed 20 or so birds 'hawking' for insects.

After picnicking on a bridge watching dragonflies, we went in search of a 'special' nest. Just as we thought we were destined to fail we spotted the exquisite flask shaped nest hanging pendulous from the tip of a willow branch. As we looked on in awe the resident, a splendid Penduline Tit, emerged from within. As we were leaving, a final look through the binoculars revealed a migrating flock of 80 White Stork passing along the foothills where black clouds were forming beyond.

Sure enough the rest of the afternoon was plagued by heavy showers but not before we took a pleasant drive through olive groves where great views were had of Sardinian Warblers and a Woodchat Shrike. Retuning home we stopped off to admire the view over Peschici and were serenaded by an obliging Blue Rock Thrush set-off by a sea blue back drop.

The botanists headed along the northern coast and a little inland into the Gargano promontory. Our first stop was mainly to admire the handsome Purple Mullein (*Verbascum phoeniceum*).

Later we quickly found two new orchid species for the trip, the Provence Orchid (*Orchis provincialis*) and the familiar Greater Butterfly-orchid (*Platanthera chlorantha*). Here too was a healthy scattering of the delightful Spring Cyclamen (*Cyclamen repandum*).

A short drive took us to a 'dolina' (a large wooded natural amphitheatre formed by the collapse of an underground void) and some lovely Field Marigolds (*Chrysanthemum segetum*) and fluting Golden Orioles.

After our final picnic lunch, driving up to atop a rocky hilltop, we were still seeing new orchids, the Heart-flowered Tongue Orchid *Serapias cordigera*. Strolling down, there were still a few other nice things to add to our bulging list such as Bladder Vetch (*Anthyllis tetraphylla*) and what we thought was White Asphodel turned out to be Bath Asparagus (*Ornithogalum pyrenaicum* - with thanks to Sheila for that).

## Day 8

Sunday 6th May

After an unfeasibly early breakfast including lovely cake, we hit the road for Naples, punctuated by brunch stops. We arrived at Naples airport, where it was unusually busy, but we all eventually boarded and headed off back to London Gatwick where we said our fond farewells and made our ways home.

## Species Lists

### Plants

<b>Scientific Name</b>	<b>Common name</b>	<b>Day first seen</b>
<b>Ferns And Lower Plants</b>		
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	3
<i>Ceterach officinarum</i>	Rustyback	2
<i>Dryopteris filix-mas</i>	Male Fern	6
<i>Phyllitis scolopendrium</i>	Hart's-tongue Fern	6
<i>Polystichum setiferum</i>	Soft-shield Fern	6
<i>Pteridium aquilinum</i>	Bracken	2
<b>PINOPSIDA (Gymnosperms - Conifers)</b>		
<b>Cupressaceae</b>		
<b>Juniper Family</b>		
<i>Cupressus sempervirens</i>	Italian Cypress	1
<i>Juniperus oxycedrus</i>	Prickly Juniper	2
<b>Pinaceae</b>		
<b>Pine Family</b>		
<i>Pinus halapensis</i>	Aleppo Pine	1
<i>Pinus pinea</i>	Stone or Umbrella Pine	1
<b>Taxaceae</b>		
<b>Yew Family</b>		
<i>Taxus baccata</i>	Yew	6
<b>MAGNOLIOPSIDA (Angiosperms - Flowering Plants)</b>		
<b>Magnoliidae (Dicotyledons)</b>		
<b>Aceraceae</b>		
<b>Maple Family</b>		
<i>Acer campestre</i>	Field Maple	7
<i>Acer pseudoplatanus</i>	Sycamore	4
<i>Acer obtusatum</i>		4
<i>Acer opalus</i>	Italian Maple	3
<b>Aizoaceae</b>		
<b>Dew-plant Family</b>		
<i>Carpobrotus acinaciformis</i>	Sally-my-handsome	2
<b>Anacardiaceae</b>		
<b>Sumach Family</b>		
<i>Pistachia lentiscus</i>	Mastic Tree	2
<b>Apiaceae (Umbelliferae)</b>		
<b>Carrot Family</b>		
<i>Conium maculatum</i>	Hemlock	3
<i>Daucus carota</i>	Wild Carrot	2
<i>Eryngium campestre</i>	Field Eryngo	2
<i>Ferrula communis</i>	Giant Fennel	1
<i>Laserpitium sp.</i>	A Sermountain	6
<i>Orlaya grandiflora</i>	Orlaya	3
<i>Sanicula europaea</i>	Sanicle	3
<i>Scandix pecten-veneris</i>	Shepherd's Needle	2
<i>Smyrniium perfoliatum</i>	Perfoliate Alexanders	4
<i>Thapsia garganica</i>	Thapsia	2
<i>Tordylium apulum</i>	Tordylium	2
<b>Apocynaceae</b>		
<b>Periwinkle Family</b>		

<b>Scientific Name</b>	<b>Common name</b>	<b>Day first seen</b>
<i>Nerium oleander</i>	Oleander	1
<i>Vinca major</i>	Periwinkle	5
<b>Aquifoliaceae</b>	<b>Holly Family</b>	
<i>Ilex aquifolium</i>	Holly	3
<b>Araliaceae</b>	<b>Ivy Family</b>	
<i>Hedera helix</i>	Ivy	3
<b>Aristolochiaceae</b>	<b>Birthwort Family</b>	
<i>Aristolochia rotunda</i>	A Birthwort	3
<b>Asclepiadaceae</b>	<b>Milkweed Family</b>	
<i>Vincetoxicum hirundinaria</i>	Swallow-wort	7
<b>Asteraceae (Compositae)</b>	<b>Daisy Family</b>	
<i>Andryala integrifolia</i>	Andryala	3
<i>Bellis perennis</i>	Daisy	4
<i>Bellis sylvestris</i>	Southern Daisy	2
<i>Calendula arvensis</i>	Field Marigold	7
<i>Carduus chrysacanthus</i>	Apennine Thistle	2
<i>Chrysanthemum coronarium</i>	Crown Daisy	5
<i>Chrysanthemum segetum</i>	Corn Marigold	7
<i>Crepis rubra</i>	Pink Hawksbeard	2
<i>Crupina crupinastrum</i>	Crupina	4
<i>Doronicum columnae</i>	Heart-leaved Leopardsbane	3
<i>Doronicum plantagenum</i>	A Leopardsbane	3
<i>Erax pygmaea</i>		5
<i>Helichrysum stoechas</i>	A Curry Plant	2
<i>Hyoseris radiata</i>		2
<i>Inula verbascifolia</i>		2
<i>Pallenis spinosa</i>	Pallenis	1
<i>Phragmalon rupestre</i>	Phragmalon	5
<i>Reichardia tingitana</i>		2
<i>Scorzonera villosa</i>	Hairy Viper's Grass	2
<i>Silybum marianum</i>	Milk Thistle	2
<i>Tragopogon crocifolius</i>		2
<i>Tripleurospermum inodoratum</i>	Scentless Mayweed	2
<i>Urospermum picroides</i>		2
<b>Betulaceae</b>	<b>Birch Family</b>	
<i>Corylus avellana</i>	Hazel	1
<i>Carpinus orientalis</i>	Eastern Hornbeam	3
<i>Ostrya carpinifolia</i>	Hop Hornbeam	2
<b>Boraginaceae</b>	<b>Forget-me-not Family</b>	
<i>Alkanna lehmanii</i>	Dyer's Alkanet	2
<i>Anchusa cretica</i>		3
<i>Borago officinalis</i>	Borage	1
<i>Buglossoides purpurocaerulea</i>	Purple Gromwell	4
<i>Echium italicum</i>	Pale Bugloss	7
<i>Echium platagineum</i>	Purple Vipers Bugloss	2
<i>Echium vulgare</i>	Vipers Bugloss	2
<i>Myosotis discolor</i>	Changing Forget-me-not	3

<b>Scientific Name</b>	<b>Common name</b>	<b>Day first seen</b>
<i>Myosotis sylvatica</i>	Wood Forget-me-not	3
<i>Onosma lucana</i> (endemic)	a Goldendrop	2
<i>Pulmonaria montana</i>	Mountain Lungwort	3
<i>Pulmonaria officinalis</i>	Common Lungwort	3
<b>Brassicaceae (Cruciferae)</b>	<b>Cabbage Family</b>	
<i>Aethionema saxatile</i>		2
<i>Alliaria petiolata</i>	Garlic Mustard	3
<i>Alyssum saxatile</i>	Yellow Alyssum	2
<i>Arabis caucasica</i>	Garden Rockcress	6
<i>Arabis turrita</i>	Tower Mustard	2
<i>Aubretia columnae</i>	An Aubretia	6
<i>Bunias erucago</i>	Bunias	7
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	3
<i>Cardamine bulbifera</i>	Coralroot	6
<i>Cardamine plumieri</i>	Ivy-leaved Bittercress	3
<i>Descurainia sophia</i>	Flixweed	2
<i>Isatis tinctoria</i>	Woad	1
<i>Lepidium latifolium</i>	Dittander	2
<i>Sinapis arvensis</i>	Charlock	2
<b>Cactaceae</b>	<b>Cactus Family</b>	
<i>Opuntia ficus-indica</i>	Prickly Pear	1
<b>Campanulaceae</b>	<b>Bellflower Family</b>	
<i>Campanula garganica</i> (endemic)	a Bellflower	5
<i>Legousia speculum-veneris</i>	Large Venus's Looking Glass	4
<i>Legousia hybrida</i>	Venus's Looking Glass	4
<b>Caprifoliaceae</b>	<b>Honeysuckle Family</b>	
<i>Lonicera etrusca</i>	Etruscan Honeysuckle	2
<i>Lonicera perichlymenum</i>	Honeysuckle	3
<i>Sambucus nigra</i>	Elder	3
<b>Caryophyllaceae</b>	<b>Pink Family</b>	
<i>Kohlranschia velutina</i>	Kohlranschia	2
<i>Minuartia sp.</i>	A Sandwort	2
<i>Silene conica</i>	Sand Catchfly	2
<i>Silene gallica</i>	Small-flowered Catchfly	6
<i>Silene gallica var. quinquevulnera</i>		4
<i>Silene italica</i>	Italian Catchfly	3
<i>Silene latifolia</i>	White Campion	3
<i>Silene vulgaris</i>	Bladder Campion	2
<i>Stellaria media</i>	Common Chickweed	3
<i>Stellaria nemorum</i>	Wood Stitchwort	3
<b>Celastraceae</b>	<b>Spindle Family</b>	
<i>Euonymus europaeus</i>	Spindle	7
<b>Cistaceae</b>	<b>Rock-rose Family</b>	
<i>Cistus creticus</i>	Pink Cistus	4
<i>Cistus monspeliensis</i>	Narrow-leaved Cistus	2
<i>Cistus salvifolius</i>	Sage-leaved Cistus	3
<i>Helianthemum apenninum</i>	White Rockrose	2



<b>Scientific Name</b>	<b>Common name</b>	<b>Day first seen</b>
<i>Helianthemum canum</i>	Hoary Rockrose	3
<i>Helianthemum nummularium</i>	Rockrose	2
<b>Convolvulaceae</b>	<b>Bindweed Family</b>	
<i>Convolvulus althaeoides</i>	Mallow-leaved Bindweed	2
<i>Convolvulus arvensis</i>	Field Bindweed	7
<i>Cuscuta epithymum</i>	Common Dodder	2
<b>Cornacea</b>	<b>Dogwood Family</b>	
<i>Cornus sanguinea</i>	Dogwood	7
<b>Crassulaceae</b>	<b>Stonecrop Family</b>	
<i>Sedum acre</i>	Biting Stonecrop	2
<i>Sedum album</i>	White Stonecrop	1
<i>Sedum rubens</i>	Reddish Stonecrop	2
<i>Umbilicus rupestris</i>	Wall Pennywort	3
<b>Cucurbitaceae</b>	<b>Cucumber family</b>	
<i>Echallium elaterium</i>	Squirting Cucumber	5
<b>Dipsacaceae</b>	<b>Teasel Family</b>	
<i>Dipsacus fullonum</i>	Wild Teasel	3
<i>Lomelosia crenata</i>		2
<i>Scabiosa sp.</i>	A Scabious	2
<b>Ericaceae</b>	<b>Heather Family</b>	
<i>Erica arborea</i>	Tree Heather	6
<b>Euphorbiaceae</b>	<b>Spurge Family</b>	
<i>Euphorbia amygdaloides</i>	Wood Spurge	3
<i>Euphorbia characias</i>	Mediterranean Spurge	2
<i>Euphorbia helioscopia</i>	Sun Spurge	2
<i>Euphorbia myrsinites</i>	Broad-leaved Glaucous Spurge	4
<i>Euphorbia spinosa</i>		3
<i>Mercurialis perennis</i>	Dog's Mercury	3
<b>Fabaceae (Leguminosae)</b>	<b>Pea Family</b>	
<i>Anthyllis tetraphylla</i>	Bladder Vetch	7
<i>Anthyllis vulneraria</i>	Kidney Vetch	2
<i>Calycotome infesta</i>	Spiny Broom	4
<i>Ceratonia siliquis</i>	Carob	7
<i>Cercis siliquastrum</i>	Judas Tree	1
<i>Coronilla emerus</i>	False Senna	4
<i>Coronilla scorpioides</i>	Annual Scorpion Vetch	2
<i>Cytisus decumbens ssp. elatior</i>		2
<i>Dorycnium hirsutum</i>	Dorycnium	4
<i>Genista tinctoria</i>	Dyer's Greenweed	5
<i>Hedysarum coronarium</i>	Italian Sainfoin	1
<i>Hippocrepis glauca</i>	A Horseshoe Vetch	2
<i>Lathyrus aphaca</i>	Yellow Vetchling	3
<i>Lathyrus cicera</i>	A Vetchling	2
<i>Lathyrus setifolius</i>	Red Grass Vetchling	4
<i>Lotus corniculatus</i>	Bird's-foot Trefoil	4
<i>Lotus edulis</i>		7

<b>Scientific Name</b>	<b>Common name</b>	<b>Day first seen</b>
<i>Lupinus micranthus</i>	Hairy Lupin	4
<i>Medicago arabica</i>	Spotted Medick	4
<i>Medicago orbiculare</i>	Large Disk Medick	2
<i>Medicago rigidula</i>		2
<i>Onobrychis caput-galli</i>	Cockscomb Sainfoin	2
<i>Onobrychis crista-galli</i>		2
<i>Onobrychis saxatilis</i>	Rock Sainfoin	2
<i>Pisum sativum ssp. elatior</i>	Cultivated Pea	4
<i>Psoralea bituminosa</i>	Pitch Trefoil	1
<i>Robinia pseudacacia</i>	False Acacia	1
<i>Scorpiurus muricatus</i>	Scorpiurus	4
<i>Securigera (Coronilla) varia</i>	Crown Vetch	2
<i>Spartium junceum</i>	Spanish Broom	1
<i>Trifolium campestre</i>	Hop Trefoil	2
<i>Trifolium hirtum</i>	Hairy Trefoil	4
<i>Trifolium pratense</i>	Red Clover	3
<i>Trifolium repens</i>	White Clover	2
<i>Trifolium resupinatum</i>	Reversed Clover	6
<i>Trifolium stellatum</i>	Star Clover	2
<i>Vicia bithynica</i>		2
<i>Vicia cracca</i>	Tufted Vetch	7
<i>Vicia lutea</i>	Yellow Vetch	2
<i>Vicia melanops</i>		3
<i>Vicia narbonensis</i>		2
<i>Vicia sativa</i>	Common Vetch	3
<b>Fagaceae</b>	<b>Beech Family</b>	
<i>Castanea sativa</i>	Sweet Chestnut	3
<i>Quercus coccifera</i>	Spanish Oak	2
<i>Quercus cerris</i>	Turkey Oak	3
<i>Quercus ilex</i>	Holm Oak	2
<i>Quercus pubescens</i>	Downy Oak	2
<i>Fagus sylvatica</i>	Beech	6
<b>Fumariaceae</b>		
<i>Fumaria capreolata</i>	Tall Ramping Fumitory	7
<i>Fumaria officinalis</i>	Common Fumitory	2
<b>Gentianaceae</b>	<b>Gentian Family</b>	
<i>Blackstonia perfoliata</i>	Yellow-wort	4
<b>Geraniaceae</b>	<b>Crane's-bill Family</b>	
<i>Erodium ciconium</i>	A Stork's-bill	5
<i>Erodium cicutarium</i>	Common Stork's-bill	2
<i>Erodium malacoides</i>	Mallow-leaved Stork's-bill	5
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	7
<i>Geranium lucidum</i>	Shining Crane's-bill	3
<i>Geranium molle</i>	Dove's-foot Crane's-bill	2
<i>Geranium purpureum</i>	Little Robin	3
<i>Geranium robertianum</i>	Herb Robert	3
<i>Geranium sanguineum</i>	Bloody Crane's-bill	2
<b>Lamiaceae (Labiatae)</b>	<b>Deadnettle Family</b>	
<i>Ajuga chamaepitys</i>	Ground Pine	2

<b>Scientific Name</b>	<b>Common name</b>	<b>Day first seen</b>
<i>Ajuga orientalis</i>	Oriental Bugle	3
<i>Clinopodium acinos</i>	Basil-thyme	1
<i>Lamium amplexicaule</i>	Henbit Deadnettle	6
<i>Lamium garganicum</i>	Large Red Deadnettle	3
<i>Marrubium vulgare</i>	White Horehound	4
<i>Origanum vulgare</i>	Oregano	3
<i>Phlomis sp?</i>		1
<i>Prasium majus</i>	Prasium	4
<i>Prunella vulgaris</i>	Selfheal	7
<i>Rosmarinus officinalis</i>	Rosemary	4
<i>Salvia argentea</i>	Silver Sage	2
<i>Salvia verbenaca</i>	Wild Clary	2
<i>Satureja hortensis</i>	Savory	4
<i>Stachys cretica</i>	Mediterranean Woundwort	4
<i>Thymus capitatus</i>	A Thyme	2
<b>Linaceae</b>	<b>Flax Family</b>	
<i>Linum bienne</i>	Pale Flax	2
<i>Linum narbonense</i>	Beautiful Flax	3
<i>Linum perenne</i>	Perennial Flax	2
<b>Malvaceae</b>	<b>Mallow Family</b>	
<i>Lavatera arborea</i>	Tree Mallow	7
<i>Malva cretica</i>		7
<i>Malva neglecta</i>	Dwarf Mallow	2
<i>Malva sylvestris</i>	Common Mallow	2
<b>Moraceae</b>	<b>Mulberry Family</b>	
<i>Ficus carica</i>	Fig	1
<b>Oleaceae</b>	<b>Olive Family</b>	
<i>Fraxinus ornus</i>	Flowering Ash	2
<i>Ligustrum vulgare</i>	Privet	3
<i>Olea europaea</i>	Olive	2
<b>Orobanchaceae</b>	<b>Broomrape Family</b>	
<i>Orobanche careophylla</i>		4
<i>Orobanche minor</i>	Common Broomrape	7
<i>Orobanche rapum-genistae</i>	Greater Broomrape	3
<b>Paeoniaceae</b>	<b>Paeony Family</b>	
<i>Paeonia mascula</i>	A Paeony	5
<b>Papaveraceae</b>	<b>Poppy Family</b>	
<i>Papaver apulum</i>		2
<i>Papaver rhoeas</i>	Common Poppy	2
<b>Plantaginaceae</b>	<b>Plantain Family</b>	
<i>Plantago cretica (P. arenaria)</i>	Branched Plantain	7
<i>Plantago coronopus</i>	Buck's-horn Plantain	4
<i>Plantago lagopus</i>	Hare's-foot Plantain	4
<i>Plantago lanceolata</i>	Ribwort Plantain	3
<i>Plantago maritima</i>	Sea Plantain	3

<b>Scientific Name</b>	<b>Common name</b>	<b>Day first seen</b>
<b>Polygalaceae</b>		
<i>Polygala nicaeensis</i>	Nice Milkwort	3
<b>Primulaceae</b>		
<i>Anagallis arvensis</i>	Scarlet Pimpernel	2
<i>Cyclamen bederifolium</i>	Ivy-leaved Sowbread	3
<i>Cyclamen repandum</i>	Spring Cyclamen	6
<b>Ranunculaceae</b>		
<i>Anemone apennina</i>	Blue Anemone	3
<i>Anemone hortensis</i>		5
<i>Clematis</i> sp.	a Clematis	3
<i>Nigella damascina</i>	Love-in-a-mist	3
<i>Ranunculus acris</i>	Meadow Buttercup	2
<i>Ranunculus aquatilis</i>	Common Water-crowfoot	3
<i>Ranunculus flammula</i>	Lesser Spearwort	3
<i>Ranunculus ficaria</i>	Lesser Celandine	6
<i>Ranunculus velutinus</i>		3
<b>Resedaceae</b>		
<i>Reseda alba</i>	White Mignonette	2
<i>Reseda lutea</i>	Wild Mignonette	2
<i>Reseda phyteuma</i>	Corn Mignonette	2
<b>Rhamnaceae</b>		
<i>Paliurus spina-christi</i>	Christ's Thorn	7
<i>Rhamnus</i> sp.	A Buckthorn	7
<b>Rosaceae</b>		
<i>Crataegus monogyna</i>	Hawthorn	2
<i>Cydonia oblonga</i>	Quince	2
<i>Filipendula vulgaris</i>	Dropwort	3
<i>Fragaria vesca</i>	Wild Strawberry	3
<i>Geum</i> sp.		3
<i>Potentilla hirta</i>	Hairy Cinquefoil	3
<i>Poterium verrucosum</i>	Mediterranean Salad Burnet	2
<i>Prunus dulcis</i>	Almond	2
<i>Prunus spinosa</i>	Blackthorn	3
<i>Pyrus amygdaliformis</i>	Almond-leaved Pear	2
<i>Rosa arvensis</i>	Field Rose	3
<i>Rosa</i> sp.	A Rose	2
<i>Rubus sanctus</i>	Bramble	2
<i>Sorbus torminalis</i>	Wild Service Tree	5
<b>Rubiaceae</b>		
<i>Cruciata laevipes</i>	Crosswort	3
<i>Galium aparine</i>	Cleavers	6
<i>Galium odoratum</i>	Woodruff	6
<i>Galium verum</i>	Lady's Bedstraw	2
<i>Rubia peregrina</i>	Wild Madder	4
<i>Sherardia arvensis</i>	Field Madder	2
<b>Rutaceae</b>		
<i>Ruta chalepensis</i>	Fringed Rue	2

<b>Scientific Name</b>	<b>Common name</b>	<b>Day first seen</b>
<b>Saxifragaceae</b>	<b>Saxifrage Family</b>	
<i>Saxifraga bulbifera</i>	Bulbous Saxifrage	3
<i>Saxifraga granulata</i>	Meadow Saxifrage	3
<b>Scrophulariaceae</b>	<b>Figwort Family</b>	
<i>Antirrhinum siculum</i>	Sicilian Snapdragon	6
<i>Bellardia trixago</i>	Bellardia	2
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	5
<i>Linaria pelisseriana</i>	Jersey Toadflax	2
<i>Parentucella latifolia</i>	Southern Red Bartsia	4
<i>Parentucella viscosa</i>	Yellow Bartsia	6
<i>Scrophularia canina</i>	Dog (French) Figwort	2
<i>Scrophularia peregrina</i>	Italian (Nettle-leaved) Figwort	6
<i>Verbascum phoeniceum</i>	Purple Mullein	7
<i>Verbascum thapsus</i>	Aaron's Rod	1
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	3
<b>Solanaceae</b>	<b>Nightshade Family</b>	
<i>Datura stamonium</i>	Thorn Apple	2
<b>Thymelaeaceae</b>	<b>Daphne Family</b>	
<i>Daphne laureola</i>	Spurge Laurel	3
<b>Ulmaceae</b>	<b>Elm Family</b>	
<i>Ulmus sp.</i>	An Elm	6
<b>Urticaceae</b>	<b>Nettle Family</b>	
<i>Parientaria judaica</i>	Pellitory of the Wall	1
<i>Urtica dioica</i>	Nettle	3
<b>Valerianaceae</b>	<b>Valerian Family</b>	
<i>Centranthus ruber</i>	Red Valerian	1
<i>Valeriana tuberosa</i>		2
<b>Violaceae</b>	<b>Violet Family</b>	
<i>Viola arvensis</i>	Field Pansy	7
<i>Viola heterophylla ssp. greca</i>		3
<i>Viola riviniana</i>	Common Dog Violet	3
<b>Vitaceaea</b>	<b>Grape-vine Family</b>	
<i>Vitis vinifera</i>	Grape	2

## MONOCOTYLEDONS

## Liliidae (Monocotyledons)

<b>Araceae</b>	<b>Arum Family</b>	
<i>Arum italicum</i>	Large Cuckoo Pint	3
<b>Cyperaceae</b>	<b>Sedge Family</b>	
<i>Luzula forsteri</i>	Southern Wood-rush	3
<b>Dioscoreaceae</b>	<b>Black Bryony Family</b>	

<b>Scientific Name</b>	<b>Common name</b>	<b>Day first seen</b>
<i>Tamus communis</i>	Black Bryony	3
<b>Iridaceae</b>		
<b>Iris Family</b>		
<i>Gladiolus italicus</i>	Field Gladiolus	2
<i>Hermodactylus tuberosus</i>	Widow or Snake's-head Iris	3
<i>Iris lutescens</i>		3
<i>Iris pseudopumilla</i>		3
<b>Liliaceae</b>		
<b>Lily Family</b>		
<i>Allium neapolitanum</i>	Naples Garlic	7
<i>Allium pendulinum</i>		3
<i>Allium roseum</i>	Rose Garlic	2
<i>Allium subhirsutum</i>		2
<i>Allium ursinum</i>	Ramsons	6
<i>Asparagus sp.</i>	An Asparagus	4
<i>Asphodeline lutea</i>	Yellow Asphodel	2
<i>Asphodelus aestivus</i>	Common Asphodel	2
<i>Galanthus reginae-olgae</i> (leaves)	Autumn Snowdrop	6
<i>Muscari comosum</i>	Tassel Hyacinth	2
<i>Muscari neglecta</i>	Dark Grape Hyacinth	2
<i>Narcissus poeticus</i>	Pheasant's-eye Daffodil	3
<i>Ornithogalum montanum</i>	Common Star of Bethlehem	2
<i>Ornithogalum pyrenicum</i>	Bath Asparagus	7
<i>Ornithogalum umbellatum</i>	A Star of Bethlehem	4
<i>Polygonatum multiflorum</i>	Solomon's Seal	3
<i>Ruscus aculeatus</i>	Butcher's Broom	3
<i>Smilax aspera</i>	Common Smilax	7
<i>Urginea maritima</i> (leaves)	Sea Squill	5
<b>Orchidaceae</b>		
<b>Orchid Family</b>		
<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	4
<i>Bardia robertiana</i>	Giant Orchid	4
<i>Cephalanthera longifolia</i>	Sword-leaved Helleborine	4
<i>Dactylorhiza fuchsii</i>	Common Spotted-orchid	5
<i>Dactylorhiza romana</i>	Roman Orchid	3
<i>Himantoglossum hircinum</i>	Lizard Orchid	2
<i>Neottia nidus-avis</i>	Bird's Nest Orchid	3
<i>Neotinea maculata</i>	Dense-flowered Orchid	6
<i>Ophrys apifera</i>	Bee Orchid	6
<i>Ophrys apulica</i> (endemic)	Apulian Ophrys	2
<i>Ophrys bertoloniformis</i> (endemic)		1
<i>Ophrys bertolonii</i>	Bertoloni's Ophrys	2
<i>Ophrys biscutella</i>	Spectacled Ophrys	3
<i>Ophrys fuciflora</i>		4
<i>Ophrys fusca</i>	Dull Ophrys	2
<i>Ophrys passionis</i> var. <i>garganica</i> (endemic)	Gargano Ophrys	2
<i>Ophrys incubacea</i>	Dark Ophrys	2
<i>Ophrys lutea</i>	Yellow Ophrys	2
<i>Ophrys phryganae</i>		4
<i>Ophrys promontorii</i> (endemic)		2
<i>Ophrys sicula</i>		2
<i>Ophrys sipontensis</i> (endemic)		6
<i>Ophrys tenthredinifera</i>	Sawfly Ophrys	2
<i>Ophrys viricens</i>		6

<b>Scientific Name</b>	<b>Common name</b>	<b>Day first seen</b>
<i>Orchis anthropophorum</i>	Man Orchid	2
<i>Orchis fragrans</i>	Bug Orchid	4
<i>Orchis italica</i>	Naked Man Orchid	2
<i>Orchis morio</i>	Green-winged Orchid	2
<i>Orchis picta</i>		2
<i>Orchis papilionacea</i>	Pink Butterfly Orchid	2
<i>Orchis pauciflora</i>	Sparse Flowered Orchid	4
<i>Orchis provincialis</i>	Provence Orchid	7
<i>Orchis purpurea</i>	Lady Orchid	2
<i>Orchis quadripunctata</i>	Four-spotted Orchid	2
<i>Orchis tridentata</i>	Toothed Orchid	2
<i>Orchis ustulata</i>	Burnt Tip Orchid	2
<i>Platanthera chlorantha</i>	Greater Butterfly Orchid	7
<i>Serapias cordigera</i>	Heart-flowered Tongue Orchid	7
<i>Serapias lingua</i>	Tongue Orchid	3
<i>Serapias parviflora</i>	Small-flowered Tongue Orchid	2
<i>Serapias politisii</i>		3
<i>Serapias vomeraceae</i>	Plough-share Tongue Orchid	2

**Hybrids (a selection)**

<i>Ophrys incubacea</i> × <i>Ophrys garganica</i>	6
<i>Orchis morio</i> × <i>Orchis papilionacea</i>	5

**Poaceae**

<b>Poaceae</b>	<b>Grass Family</b>	
<i>Aegilops geniculata</i>		2
<i>Arundo donax</i>	Giant Reed	1
<i>Avena</i> sp.	A Wild Oat	2
<i>Briza maxima</i>	Large Quaking Grass	2
<i>Catapodium rigidum</i>	Fern Grass	7
<i>Festuca vivipera</i>	Viviparous Fescue	5
<i>Hordeum</i> sp.	A Barley	4
<i>Lagurus ovatus</i>	Hare's-foot Grass	2
<i>Stipa</i> sp.	A Feather Grass	2

**Birds (Also sighting for the two 'birding' days)**

	Common name	Scientific name	First day recorded	May	
				3	5
1	Great Crested Grebe	<i>Podiceps cristatus</i>	5	√	
2	Cormorant	<i>Phalacrocorax carbo</i>	7		√
3	Greater Flamingo	<i>Phoenicopterus ruber</i>	5	√	
4	Shelduck	<i>Tadorna tadorna</i>	5	√	
5	Garganey	<i>Anus querquedula</i>	5	√	
6	Squacco Heron	<i>Ardeola ralloides</i>	7		√
7	Little Egret	<i>Egretta garzetta</i>	5	√	√
8	Grey Heron	<i>Ardea cinerea</i>	7		√
9	Purple Heron	<i>Ardea purpurea</i>	7		√
10	White Stork	<i>Ciconia ciconia</i>	7		√
11	Egyptian Vulture	<i>Neophron percnopterus</i>	6		
12	Short-toed Eagle	<i>Circaetus gallicus</i>	7		√
13	Marsh Harrier	<i>Circus aeruginosus</i>	1	√	
14	Montagu's Harrier	<i>Circus pygargus</i>	5	√	

	Common name	Scientific name	First day recorded	May	
				3	5
15	Common Buzzard	<i>Buteo buteo</i>	2		√
16	Honey Buzzard	<i>Pernis apivorus</i>	4	√	
17	Black Kite	<i>Milvus migrans</i>	1		
18	Sparrowhawk	<i>Accipiter nisus</i>	7		√
19	Kestrel	<i>Falco tinnunculus</i>	1	√	
20	Lesser Kestrel	<i>Falco naumanni</i>	5	√	
21	Red-footed Falcon	<i>Falco verspetinus</i>	5	√	
22	Hobby	<i>Falco subbuteo</i>	5	√	
23	Lanner Falcon	<i>Falco biarmius</i>	4		
24	Quail	<i>Coturnix coturnix</i>	2		
25	Moorhen	<i>Gallinula chloropus</i>	7		√
26	Avocet	<i>Recurvirostra avosetta</i>	5	√	
27	Black-winged Stilt	<i>Himantopus himantopus</i>	5	√	√
28	Kentish Plover	<i>Charadrius alexandrius</i>	5	√	
29	Dunlin	<i>Calidris alpina</i>	5	√	
30	Curlew Sandpiper	<i>Calidris ferruginea</i>	5	√	
31	Little Stint	<i>Calidris minuta</i>	5	√	
32	Wood Sandpiper	<i>Tringa glareola</i>	3		
33	Common Sandpiper	<i>Actitis hypoleucos</i>	5	√	
34	Redshank	<i>Tringa totanus</i>	5	√	√
35	Whimbrel	<i>Numenius phaeopus</i>	7		√
36	Black-headed Gull	<i>Larus ridibundus</i>	7		√
37	Slender-billed gull	<i>Larus genei</i>	5	√	
38	Mediterranean Gull	<i>Larus melanocephalus</i>	5	√	√
39	Yellow-legged Gull	<i>Larus cachinnans</i>	1	√	√
40	Little Tern	<i>Sterna albifrons</i>	5	√	
41	Gull-billed Tern	<i>Sterna nilotica</i>	5	√	
42	Wood Pigeon	<i>Columba palumbus</i>	2	√	
43	Collared Dove	<i>Streptopelia decaocto</i>	4		
44	Cuckoo	<i>Cuculus canorus</i>	1	√	
45	Common Swift	<i>Apus apus</i>	2	√	√
46	Alpine Swift	<i>Apus melba</i>	4		
47	European Bee-eater	<i>Merops apiaster</i>	6		√
48	Hoopoe	<i>Upupa epops</i>	1	√	
49	Great Spotted Woodpecker	<i>Dendrocopos major</i>	5		
50	Crested Lark	<i>Galerida cristata</i>	5	√	√
51	Woodlark	<i>Lullula arborea</i>	2		
52	Barn Swallow	<i>Hirundo rustica</i>	1	√	√
53	House Martin	<i>Delichon urbica</i>	4		√
54	White Wagtail	<i>Motacilla alba</i>	6		√
55	Yellow Wagtail	<i>Motacilla flava</i>	7		√
56	Woodchat Shrike	<i>Lanius senator</i>	4		√
57	Golden Oriole	<i>Oriolus oriolus</i>	3		
58	Jay	<i>Garrulus glandarius</i>	4		
59	Magpie	<i>Pica pica</i>	1	√	√
60	Jackdaw	<i>Corvus monedula</i>	1		
61	Hooded Crow	<i>Corvus corone</i>	1	√	√
62	Raven	<i>Corvus corax</i>	4		
63	Wren	<i>Troglodytes troglodytes</i>	3		
64	Cetti's Warbler	<i>Cettia cetti</i>	6	√	
65	Fan-tailed Warbler	<i>Cisticola juncidis</i>	3	√	√



	Common name	Scientific name	First day recorded	May	
				3	5
66	Sedge Warbler	<i>Acrocephalus schoenobaenus</i>	5	√	
67	Reed Warbler	<i>Acrocephalus scirpaceus</i>	7		√
68	Great Reed Warbler	<i>Acrocephalus arundinaceus</i>	7		√
69	Blackcap	<i>Sylvia atricapilla</i>	3	√	
70	Whitethroat	<i>Sylvia communis</i>	2		
71	Sardinian Warbler	<i>Sylvia melanocephala</i>	2	√	√
72	Subalpine Warbler	<i>Sylvia cantillans</i>	2		
73	Wood Warbler	<i>Phylloscopus sibilatrix</i>	3		
74	Chiffchaff	<i>Phylloscopus collybita</i>	3		
75	Firecrest	<i>Regulus ignicapillus</i>	3		
76	Black-eared Wheatear	<i>Oenanthe hispanica</i>	5		
77	Whinchat	<i>Saxicola rubetra</i>	4		
78	Stonechat	<i>Saxicola torquata</i>	3		√
79	Nightingale	<i>Luscinia megarhynchos</i>	3		
80	Robin	<i>Erithacus rubecula</i>	3		
81	Blue Rock Thrush	<i>Monticola solitarius</i>	4		√
82	Blackbird	<i>Turdus merula</i>	3		
83	Song Thrush	<i>Turdus philomelos</i>	3		
84	Penduline Tit	<i>Remiz pendulinus</i>	7		√
85	Blue Tit	<i>Parus caeruleus</i>	3		
86	Great Tit	<i>Parus major</i>	3		
87	Long-tailed Tit	<i>Aegithalos caudatus</i>	3		
88	Nuthatch	<i>Sitta europaea</i>	3		
89	Starling	<i>Sturnus vulgaris</i>	6	√	
90	Italian Sparrow	<i>Passer (domesticus) italicus</i>	1	√	√
91	Chaffinch	<i>Fringilla coelebs</i>	2		
92	Serín	<i>Serinus serinus</i>	1	√	√
93	Goldfinch	<i>Carduelis carduelis</i>	2		
94	Linnet	<i>Carduelis cannabina</i>	4		
95	Corn Bunting	<i>Miliaria calandra</i>	2		
96	Cirl Bunting	<i>Emberiza ciris</i>	3		

## Reptiles and amphibians:

Common name	Scientific name	First day recorded
Green Lizard	<i>Lacerta viridis</i>	2
Italian Wall Lizard	<i>Podarcis sicula</i>	2
Italian Aesculapian Snake	<i>Zamenis lineatus</i>	4

## Butterflies

Orange Tip	<i>Anthocharis cardamines</i>	4
Small White	<i>Artogeia rapae</i>	2
Small Heath	<i>Coebonympha pamphilus</i>	2
Clouded Yellow	<i>Colias croceus</i>	4
Bergers Clouded Yellow	<i>Colias alfacariensis</i>	2
Small Blue	<i>Cupido minimus</i>	2
Cleopatra	<i>Gonepteryx cleopatra</i>	2
Southern Scarce	<i>Iphiclides podalirius</i>	2
Swallowtail		
Queen of Spain Fritillary	<i>Issoria lathonia</i>	3
Wall Brown	<i>Lasiommata megera</i>	2

Common name	Scientific name	First day recorded
Adonis Blue	<i>Lysandra bellargus</i>	2
Glanville Fritillary	<i>Melitaea cinxia</i>	3
Swallowtail	<i>Papilio machaon</i>	2
Large White	<i>Pieris brassicae</i>	3
Common Blue	<i>Polyommatus icarus</i>	6
Eastern Bath White	<i>Pontia edusa</i>	6
Grizzled Skipper	<i>Pyrgus malvae</i>	2
Red Admiral	<i>Vanessa atalanta</i>	4

### Other assorted fauna

A Forester Moth	<i>Adscita sp.</i>	1
Tiger Moth	<i>Ammobiota festiva</i>	2
A Bee Fly	<i>Bombylinus sp.</i>	2
A Chafer Beetle	<i>Cetonia sp.</i>	3
A Drinker Moth caterpillar	<i>Euthrix sp.</i>	3
A Field Cricket	<i>Gryllus sp.</i>	6
A Black Widow Spider	<i>Latrodectus sp.</i>	2
An Ascalaphid	<i>Libelloides sp.</i>	2
European True Tarantulas	<i>Lycosa tarantula</i>	2
Beech Marten	<i>Mustela foina (dead)</i>	3
Dung Beetles	<i>Scarabaeidae</i>	2
A Giant Centipede	<i>Scolopendra sp.</i>	2
Syntomid moth	<i>Syntomis sp.</i>	4
A Katydid	<i>Tettigoniidae</i>	2
Bloody-nosed Beetle	<i>Timarcha tenebricosa</i>	2
Violet (Carpenter)	<i>Xylocopa violacea</i>	2
Bumblebee		
5-spot Burnet Moth	<i>Zygaena trifolii</i>	2