

# Wild Flowers of Sicily

Naturetrek Tour Report

1 – 8 May 2013

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*Bellevalia dubia*



*Ornithogalum arabicum*



*Paeonia mascula*



*Genista cupanii*

Report and images compiled by Paul Harmes



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## Day 1

Wednesday 1st May

Weather: Gatwick. Fine, bright and sunny. Catania: Fine and warm

Six group members met Paul and Kerrie at Gatwick Airport for our flight to Catania. Having collected our luggage, we made our way through to the arrivals area, where we met with Robin and Roger. After we picked up and loaded up the vehicles, we headed north-bound, leaving the autostrada at the Giarre exit and made our way up to our hotel, the Case Perrotta on the outskirts of Sant'Alfio, where we received a warm welcome. Rooms were soon allocated, and we all retired for the night. The lighting in the garden and courtyard attracted a number of moths, including Cream-spot Tiger, Riband Wave and Lobster Moth.

## Day 2

Thursday 2nd May

Weather: Fine, warm and sunny

After breakfast, we headed out north-east to explore the eastern slopes of Etna. As we went we noted *Spartium junceum* (Spanish Broom), *Ferula communis* (Giant Fennel) and *Isatis tinctoria subsp. canescens* (Woad) along the roadsides. Our first stop was by a little chapel above Milo. Exploring a track in an area not recently affected by fresh lava, we noted *Genista aetnensis* (Etna Broom), *Vicia villosa* (Fodder Vetch) the endemic *Erysimum bonannianum* (a Treacle Mustard), *Geranium lucidum* (Shining Crane's-bill) and *Anchusa cretica*. Where lava was exposed, the early colonising lichen *Stereocaulon vesuvianum*, was very evident. Butterflies were very active in the morning sun, and these included Moroccan Orange Tip, Brown Argus and Large White. A little further on, we looked at a wooded area, the main constituent of which was *Quercus pubescens* (Downy Oak). There was also *Doronicum orientale* (a Leopard's-bane), found by Jenny, and three species of Orchid: *Dactylorhiza romana* (Roman Orchid), *Cephalanthera longifolia* (Narrow-leaved Helleborine) and the emerging shoots of *Limodorum abortivum* (Violet Bird's-nest Orchid), all found by Robin.

Next, we stopped at the Rifugio Citelli for a comfort and coffee break. Here we noted *Astragalus siculus* (Etna Milk-vetch), *Tanacetum siculum* (Etna Tansy), and the endemic *Scleranthus aetnensis* (a Knawel).

We decided that the shade provided by the *Betula aetnensis* (Etna Birch) would be ideal for our picnic, so Kerrie and Paul prepared lunch whilst the group took pictures of the volcano, which was still showing evidence of its recent pyrotechnic activity. Whilst we ate, Common Chiffchaff was singing continuously.

Our next stop was the Piano Provenzana (1785m) where we saw the 2002/3 lava flow. Searching adjacent woodland and scrub, we found *Juniperus communis subsp. hemisphaerica* (Juniper), *Berberis aetnensis* (Etna Barberry), *Potentilla calabra* (a Cinquefoil), and large quantities of *Viola aetnensis* (Etna Pansy) in shades from deep purple, through blue to cream. Paul also found the minute *Viola parvula* (a Pansy). Queen of Spain Fritillary, Green Hairstreak and Southern Speckled Wood butterflies were also noted.

We then started to descend towards Linguaglossa, and on down to the Fiumefreddo Nature Reserve, near the coast. Upon our arrival, we discovered the site to be closed, so we explored the lane beside the reserve finding *Lathyrus annuus* (Annual Pea), *Equisetum telmateia* (Great Horsetail), *Medicago polymorpha* (Toothed Medick), *Arundo donax* (Giant Reed) and *Cerinth major* (Greater Honeywort). The explosive calls of Cetti's Warblers were heard, a Nightingale was singing, and Italian Sparrows were spotted nesting in an adjacent building.

Our final stop was on the coast, near Cottone, where the Fiumefreddo River enters the sea. Here we found *Matthiola tricuspidata* (Three-horned Stock), *Matthiola sinuata* (Sea Stock) and the beautiful *Lagurus ovatus* (Hare's-tail grass). We then returned to the hotel after a full and enjoyable day.

## Day 3

Friday 3rd May

Weather: Fine, warm and sunny

Today we explored the upper parts the magnificent volcano. The peak was relatively clear, given its continued sporadic activity, and we had some lovely views as we drove up to the Rifugio Sapienza, the starting point for our excursion. The enormous car parks were still quite empty, in contrast to later in the day. Parking the vehicles, we took time to prepare warm clothes, before joining the queues for tickets, and it was not too long before we were aboard the Funivia dell'Etna. The cable car took us about two thirds of the way up to the summit. From the Piccolo Rifugio, at the top of the cable car, we transferred to the 4x4 buses to complete the ascent to about 1000m below the summit (3350m). As recently as the previous Saturday, there had been an eruption from the main crater, and the guide pointed out the most recent lava-flow, as well as indicating steam escape fissures and, still warm, solidified lava. It was also quite noticeable that the ground on which we walked, was also still warm. From the top, we had stunning views of the Strait of Messina and Catania.

Having returned to the buses, we descended to the Rifugio to warm up and for refreshments, before returning to the base car park, agreeing it was a magnificent experience. On the way down, a White Wagtail was spotted, and Italian House Sparrows were around the Rifugio Sapienza.

We then drove down towards Nicolosi, stopping for our picnic by some older lava flows, unaffected by the recent activity, and close to a lookout observatory. Whilst lunch was being prepared, the group explored the area, finding *Genista aetnensis* (Etna Broom), a solitary spike of *Dactylorhiza sambucina* (Elder-flowered Orchid), *Anthemis aetnensis* (Etna Daisy), *Viola aetnensis* (Etna Pansy), *Asphodeline lutea* (Yellow Asphodel) and *Rumex scutatus subsp. aetnensis* (Etna Sorrel). Clouded Yellow, Painted Lady and a solitary Wall Brown butterfly were also seen.

After lunch, we retraced our steps back towards Zafferana, passing the Crateri Silvestri (formed in 1892). We made our first stop about four kilometres from the town, finding, *Pisum sativum subsp. elatius* (Wild Pea), *Anacamptis morio* (Green-winged Orchid), the magnificent *Trifolium incarnatum subsp. molinerii* (Long-headed Clover), *Sedum stellatum* (Starry Stonecrop) and *Lupinus angustifolius* (Narrow-leaved Lupin).

Moving further down towards the town, we stopped to explore a piece of coppiced *Castanea sativa* (Sweet Chestnut) woodland. Here we found *Aristolochia rotunda* (a Birthwort), *Geranium sanguineum* (Bloody Cranesbill), the cream coloured *Vicia lutea* (Yellow Vetch) and dying spikes of *Dactylorhiza romana* (Roman Orchid) and the emerging spikes of *Limodorum abortivum* (Violet Bird's-nest Orchid). *Muscari comosum* (Tassel Hyacinth) and *Cerinth major* (Greater Honeywort) were also recorded.

It was then time to return to the hotel. Along the way we passed several specimens of *Fraxinus ornus* (Manna Ash) and extensive stands of the yellow *Calicotome infesta* (Thorny Broom).

## Day 4

Saturday 4th May

Weather: Fine, warm and sunny with a breeze. Rain later

Today we moved on to our second destination, in the Madonie Mountains, further west, on the north coast of the island. The Madonies are made of dolomitic limestone, and so provide a very different habitat and flora to that of Mount Etna. However, before setting off, we made a short excursion around the Case Perrotta grounds. The walls produced *Campanula erinus* (Annual Bellflower) and *Ornithopus compressus* (Compressed Bird's-foot), whilst the tracksides yielded *Erodium cicutarium*, *Trifolium incarnatum subsp. molinerii* (Long-headed Clover) and *Orchis commutata* (a Toothed Orchid), found by Richard. A second orchid species, *Orchis lactea* (Milky Orchid) had, unfortunately, been mown off!!

We now set off south, towards Zafferana, stopping to buy our picnic lunch, before joining the A18 towards Catania and turning west on the A19, where we stopped briefly for refreshments. As we continued westwards, we noted Spotless Starlings and Western Jackdaws, perched on the barriers and on the edge of the autostrada, together with some beautiful stretches of *Sedum caeruleum* (Blue Stonecrop), a reddish plant with pale blue flowers endemic to Sicily, and *Asphodeline lutea* (Yellow Asphodel).

We turned off the autostrada at Tremonzelli, towards Castellana Sicula, stopping after a few kilometres to look at the verges and field margins. Here we admired the beautiful *Lathyrus odoratus* (Sweet Pea), *Gladiolus italicus* (Field Gladiolus), *Allium nigrum* and *Hedysarum coronarium* (Italian Sainfoin). Swallowtail butterflies were also active.

We had lunch just above Petralia, on a track by a road bridge. The area was botanically rich, but particularly in its orchid flora, with *Anacamptis longicornu*, *Orchis provincialis* (Provence Orchid), *Orchis intacta*, (Dense-flowered Orchid), *Ophrys incubacea* (Dark Ophrys), *Ophrys bertolonii* (Bertoloni's Bee Orchid) and *Orchis papilionacea* var. *grandiflora* (Pink Butterfly Orchid) being among those found. We also recorded *Bellevalia dubia*, with its blue-brown flowers, and the endemic *Genista cupanii*. We now made the short hop to the Hotel Pomieri, our base for the next four nights.

## Day 5

Sunday 5th May

Weather: Fine, warm and sunny, with low cloud at times.

Today we visited the Vallone Madonna degli Angeli, below Monte San Salvatore. This valley reportedly has sixty endemic plant species growing in it.

Leaving the hotel at our normal start time, it only took fifteen minutes to reach our intended start point. We parked in an area of *Pinus nigra subsp. laricio* (Corsican Pine), opposite a large pair of gates marking the start of the path. We began by searching the verges, finding *Muscari neglectum* (Grape Hyacinth), *Helianthemum nummularium* (Common Rock-rose) and *Orchis anthropophora* (Man Orchid). Common Chiffchaff and European Robin were also singing. A small hillock to the right of the path produced *Iris pseudopumila* (a dwarf Iris in lemon with purplish falls), *Ophrys speculum* (Mirror Orchid) *Saxifraga granulata* (Meadow Saxifrage) and *Anemone hortensis* (Broad-leaved Anemone). As we started walking, the bank of the path revealed *Ophrys fusca subsp. fusca* (Sombre Bee Orchid), *Ophrys lutea* (Yellow Bee Orchid) and *Matthiola fruticulosa var. sicula* (Sad Stock). A little further on, we added *Orchis tridentata* (Toothed Orchid), *Orchis brancifortii* (Brancifort's Orchid), *Fedia cornucopiae* (Fedia), *Onosma canescens* (Golden Drops) and *Amelanchier ovalis* (Juneberry). As we left the larger trees behind, and the path opened up, Red-billed Chough, Rock Bunting and Common Buzzard were seen, and also several butterfly species including Painted Lady, Little Blue and Small Copper.

At the top of the path, we encountered the first of the thirty or so mature specimens of the very rare *Abies nebrodensis* (Sicilian Fir). This particular specimen is number 'twenty-two'. Much research work has been undertaken in recent years, and evidence of this was the marked and numbered, natural seedlings. During our decent, the low spiny bushes of *Astragalus nebrodensis* (Nebro Milk-vetch), *Alyssum nebrodense* (Nebro Alyssum) and *Ophrys grandiflora* (a race of Sawfly Orchid) were noted. We took our picnic on the northern edge of the forest where the fields begin. Here there was an absolute forest of *Asphodelus aestivus* (Common Asphodel), interspersed with the occasional spike of *Asphodeline lutea* (Yellow Asphodel). We also found an unusual Tiger Moth, *Ammobiota festiva*.

We then made our way to an area just below the Pizzo Antenna. As we went, a single plant of *Paeonia mascula* (Peony) was found, together with *Allium pendulinum*, *Euphorbia rigida* (Narrow-leaved Glaucous Spurge), *Iberis pruitii* (Candytuft), *Cyclamen repandum* (Spring Sowbread) and *Ranunculus millefoliatus* (Million-leaved Buttercup). Our final stop of the day was a little further on in the same area. This was a damp meadow with hawthorn scrub. Species here included *Crataegus monogyna* (Hawthorn), *Crataegus orientalis* (Cut-leaved Hawthorn), *Lathyrus cicera*, *Veronica beccabunga* (Brooklime) and several stunning stands of *Paeonia mascula* (Peony). We now made our way back to the hotel.

## Day 6

Monday 6th May

Weather: Low cloud and light rain at first, becoming fine warm and sunny

Today, we set out to explore the Bosco di Ficuzza, some distance from Pomieri, but known to be a good place for orchids. We set off down towards Collesano, stopping to shop for our picnic. We then made a brief stop just the other side of the village, to look at *Sedum caeruleum* (Blue Stonecrop) on a wall, whilst Paul purchased fuel for the vehicles. We continued down to Campofelice, and towards Palermo, stopping for refreshments near Termini, before continuing on to the Villabate exit, shortly before the outskirts of the city.

From here we drove south-west down as far as Bolognetta, where we joined the SS118. As we went, we saw *Convolvulus siculus* (Dwarf Blue Convolvulus) growing along the roadside. After the town of Marineo, we passed the Lago dello Scanzano, and turned up towards Ficuzza, where King Fernando III had a grand hunting lodge. Passing through this tiny village, we continued to climb into the woodland. This area of woodland lies underneath the imposing Rocca Busambra which today had a topping of cloud, so was not completely visible. Our first stop in the forest produced *Crepis rubra* (Pink Hawk's-beard) and *Allium subhirsutum* on the verge. A track then went through some more open woodland, and here we found *Serapias lingua* (Tongue Orchid), a magnificent stand of *Limodorum abortivum* (Violet Bird's-nest Orchid) and the remains of *Orchis provincialis* (Provence Orchid) and *Anacamptis longicornu*. Further on we discovered a small open area with *Ophrys oxypetala*, *Ophrys lacaitae* and a solitary *Ophrys bertolonii* (Bertoloni's Bee Orchid). There was also *Quercus pubescens* (Downy Oak), and *Calicotome infesta* (Thorny Broom) and *Cistus salvifolius* (Sage-leaved Cistus) both flowering well.

From here, we moved up higher, parking on the side of a wide track, where Kerrie and Paul, assisted by Maggie, prepared lunch, while the rest of the group explored a wooded hillside. With our picnic completed, the whole group returned to the hillside, where we found one of the main objectives of the day, the rather small flowered *Ophrys pallida*. This species is restricted in its distribution, within Europe, to Sicily, but can also be found in North Africa. Growing with it, we also found better specimens of *Orchis provincialis* (Provence Orchid), *Ophrys bertolonii* (Bertoloni's Bee Orchid), *Ophrys sicula* and *Ophrys lucifera*.

It was now time to begin the return journey, but not before making one final stop on a verge near Ficuzza, here we found the remains of *Ophrys pallida*, *Pallenis spinosa* (Pallenis), *Bellardia trixago* (Bellardia) in both yellow and the brown and cream forms, *Ophrys bombyliflora* (Bumblebee Orchid), the tall stands of *Ferula communis* (Giant Fennel) and a very odd Tongue Orchid, which keyed out closest to *Serapias cordigera* (Heart-shaped Tongue Orchid). The whole group agreed it had been a wonderful day.

## Day 7

Tuesday 7th May

Weather: Fine, warm and sunny, with a chilly breeze later

Today we stayed relatively close to our base in the Madonie Mountains. We began by heading north to Isnello and on down to Gibilmanna, where we parked just below the basilica. Setting off along a lateral footpath, it was not long before it became obvious that the flora of this area was more Mediterranean. Soon we were finding *Cistus creticus* (Cretan Cistus), *Lavandula stoechas* (French Lavender), *Melittis melissophyllum* (Bastard Balm) and *Antirrhinum majus* (Snapdragon). Southern Speckled Wood, Scarce Swallowtail, Little Blue and Common Blue butterflies were also active. Further on we added *Cistus salvifolius* (Sage-leaved Cistus) and *Cistus monspeliensis* (Narrow-leaved Cistus). European Robin, Common Chaffinch and Eurasian Blackcap were all heard, and the ever-present Sardinian Warbler was seen before we returned to the vehicles. Eurasian Crag Martins were busy catching insects around the church.

We now drove back towards Isnello, stopping in an open area, on the junction of the road to Gratteri, where we set up our picnic under some large specimens of *Quercus pubescens* (Downy Oak). After lunch, we retraced our steps back towards Isnello, stopping by the gorge on the north side of the town.

Here we found *Nigella damascena* (Love-in-a-Mist), *Scabiosa cretica* (a Scabious), *Phagnalon rupestre* (Phagnalon), *Notobasis syriaca* (Syrian Thistle) and *Capparis spinosus* (Caper). Barn Swallows and Common House Martins were very much in evidence and we also saw a Nine-spotted Moth.

The final stop of the day was at the Piano Battaglia (1600m). This is an area of boulder strewn hillsides, with streams leading to a sink hole. A Cirl Bunting, Hooded Crow, Eurasian Magpie and Rock Buntings were noted on the rocks and bushes. We walked down to the sink hole and found many spikes of a *Gagea fragifera* (a Yellow Star of Bethlehem) and *Scilla bifolia* (Alpine Squill) and a solitary *Crocus vernus* (Spring Crocus), while on the banks were plants of pink *Corydalis solida* (Bird-in-a-bush). Several patches of *Narcissus tazetta* (Tazetta Narcissus) were found in the stream runnels. Unfortunately most of them were past their best, but a few flower heads remained, showing the petite white flowers with orange trumpets. On the slopes *Ornithogalum montanum* (Mountain Star of Bethlehem) was just coming into flower. As we walked back to the bus, we found the tight buds of *Romulea bulbocodium* (a Sand Crocus) in the grass near the track. We now returned to the Pomieri for dinner.

## Day 8

Wednesday 8th May

Weather: Light rain at first becoming fine, warm and sunny

We had a leisurely start to our last day, as our flight was not until the evening. After breakfast, there was an opportunity to sit down to complete the checklist. We then drove a short distance down the road towards Petralia, to an area of meadows and verges, at Portella Mandarini. European Robin, Common Chaffinch and Coal Tit were heard, and Hooded Crow, Eurasian Jay and Eurasian Magpie were all seen. Careful searching revealed *Ophrys incubacea* (Dark Ophrys), *Orchis papilionacea* (Pink Butterfly Orchid), *Ophrys fusca* (Sombre Bee Orchid) and *Anacamptis longicornu*. A little further along the road, we explored some rock-strewn woodland. Here we found *Allium pendulinum*, *Saxifraga bulbifera* (Bulbous Saxifrage), *Saxifraga granulata* (Meadow Saxifrage), *Dactylorhiza markusii* and *Muscari neglectum* (Grape Hyacinth).

We now moved on towards Collesano, where we had booked a table for lunch, stopping en route to photograph *Quercus suber* (Cork Oak) before arriving in the town for lunch. Having completed our meal, we continued on some three kilometres north of Collesano, to a verge where we found *Sedum caeruleum* (Blue Stonecrop) and *Ornithogalum arabicum*, before retracing our steps back to the town and onto the road to Scillato. Along the way we made two stops to explore the verges. The first yielded *Scabimus grandiflorus* (a Spanish Oysterplant) and *Convolvulus siculus* (Dwarf Blue Bindweed) for the plants, and Swallowtail, Small Heath and Common Blue for the butterflies. There was also a striking Noctuid moth, The Goldwing (*Synthymia fixa*). The second produced close views of *Lacerta viridis* (Green Lizard), Black-veined White, Aetherie Fritillary, Meadow Brown and 9 Spotted Moth. It was now time to make our way to the airport at Catania, stopping for a break at the services near Enna before catching our evening flight back to Gatwick.

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## Species Lists

Plants (\*\* = Endemic to Sicily; \* = Endemic to Italy and Sicily)

Scientific name	Common name	Location
<b>PTERIDOPHYTES</b>		
<b>FERNS &amp; ALLIES</b>		
<b>Selaginellaceae</b>	<b>Lesser Clubmoss family</b>	
<i>Selaginella denticulata</i>	Mediterranean Clubmoss	Gibilmanna
<b>Equisetaceae</b>	<b>Horsetail Family</b>	
<i>Equisetum ramosissimum</i>	Boston Horsetail	Fiumefreddo
<i>Equisetum telmateia</i>	Giant Horsetail	Fiumefreddo
<b>Aspleniaceae</b>	<b>Spleenwort Family</b>	
<i>Asplenium adiantum-nigrum</i>	Black Spleenwort	N.E of Etna
<i>Asplenium onopteris</i>	Irish Spleenwort	Above Zafferana
<i>Asplenium septentrionale</i>	Forked Spleenwort	Between Etna and Nicolosi
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	N.E of Etna
<i>Asplenium ceterach</i>	Rustyback	N.E of Etna
<b>Dennstaedtiaceae</b>	<b>Bracken family</b>	
<i>Pteridium aquilinum</i>	Bracken	N.E of Etna
<b>Polypodiaceae</b>	<b>Polypody Family</b>	
<i>Polypodium cambricum</i>	Southern Polypody	N.E of Etna
<b>Pteridaceae</b>	<b>Ribbon Fern Family</b>	
<i>Anogramma leptophylla</i>	Jersey Fern	N.E of Etna
<b>Woodsiaceae</b>	<b>Lady-fern Family</b>	
<i>Athyrium filix-femina</i>	Lady-fern	Grounds of Case Perrotta
<b>PINOPSIDA</b>		
<b>CONIFERS</b>		
<b>Cupressaceae</b>	<b>Juniper Family</b>	
<i>Juniperus communis</i> subsp. <i>hemispherica</i>	Juniper	Piano Provenzana
<i>Juniperus oxycedrus</i>	Prickly Juniper	Fiumefreddo Beach
<b>Pinaceae</b>	<b>Pine Family</b>	
<i>Abies nebrodensis</i> **	Sicilian Fir	Vallone Madonna degli Angeli
<i>Pinus nigra</i> subsp. <i>laricio</i>	Corsican Pine	Piano Provenzana
<i>Pinus pinea</i>	Stone or Umbrella Pine	N of Petralia
<b>MAGNOLIOPSIDA</b>		
<b>FLOWERING PLANTS</b>		
<b>Magnoliidae</b>		
<b>Acanthaceae</b>	<b>Bear's-breech Family</b>	
<i>Acanthus mollis</i>	Bear's-breech	Roadsides
<b>Aceraceae</b>	<b>Maple Family</b>	
<i>Acer campestre</i>	Field Maple	Below Pizzo Antenna
<i>Acer opulus</i>	Italian Maple	Above Zafferana



Scientific name	Common name	Location
<b>Apiaceae</b>	<b>Carrot Family</b>	
<i>Anthriscus sylvestris</i>	Cow Parsley	Above Zafferana
<i>Cachrys sicula</i>	-	Vallone Madonna degli Angeli
<i>Conopodium majus</i>	Pignut	Vallone Madonna degli Angeli
<i>Elaeoselinum asclepium</i>	Elaeoselinum	Ficuzza
<i>Eryngium campestre</i>	Field Eryngo	N of Petralia
<i>Eryngium planum</i>	-	Near Castellano
<i>Ferula communis subsp. communis</i>	Giant Fennel	Roadsides
<i>Foeniculum vulgare</i>	Fennel	N of Petralia
<i>Laserpitium garganicum</i>	A Sermountain	Vallone Madonna degli Angeli
<i>Oenanthe globulosa</i>	a Water Dropwort	Piano Battaglia
<i>Orlaya kochii</i>	An Orlaya	Vallone Madonna degli Angeli
<i>Scandix pecten-veneris</i>	Shepherd's Needles	N of Petralia
<i>Smyrnium olusatrum</i>	Alexanders	Gibilmanna
<i>Smyrnium perfoliatum</i>	Perfoliate Alexanders	N of Petralia
<b>Apocynaceae</b>	<b>Periwinkle Family</b>	
<i>Vinca major</i>	Greater Periwinkle	Above Zafferana
<b>Aquifoliaceae</b>	<b>Holly Family</b>	
<i>Ilex aquifolia</i>	Holly	Vallone Madonna degli Angeli
<b>Araliaceae</b>	<b>Ivy Family</b>	
<i>Hedera helix</i>	Ivy	Below Pizzo Antenna
<b>Aristolochiaceae</b>	<b>Birthwort Family</b>	
<i>Aristolochia rotunda</i>	Birthwort	Above Zafferana
<b>Asteraceae</b>	<b>Daisy Family</b>	
<i>Achillea ligustica</i>	-	Between Etna and Nicolosi
<i>Anthemis aetnensis**</i>	Etna Daisy	Between Etna and Nicolosi
<i>Artemisia arborescens</i>	a Wormwood	Isnello Gorge
<i>Bellis perennis var. strobliana**</i>	Daisy	Below Pizzo Antenna
<i>Bellis sylvestris</i>	Southern Daisy	N.E of Etna
<i>Calendula arvensis</i>	Field Marigold	N of Petralia
<i>Carducellus caeruleus</i>	Carduncellus	Near Ficuzza
<i>Carduus pycnocephalus</i>	Plymouth Thistle	Gibilmanna
<i>Carduus nutans</i>	Musk Thistle	N of Petralia
<i>Carduus tenuiflorus</i>	Slender Thistle	Above Zafferana
<i>Carlina nebrodensis**</i>	Nebrodi Carline Thistle	Vallone Madonna degli Angeli
<i>Centaurea busambarensis**</i>	a grey-leaved Knapweed	Isnello Gorge
<i>Centaurea calcitrapa</i>	Red Star-thistle	N of Petralia
<i>Centaurea cyanus</i>	Cornflower	Near Castellano
<i>Centaurea solstitialis</i>	Yellow Star-thistle	E of Collesano
<i>Cirsium spinosissimum</i>	Spiniest Thistle	Between Isnello and Piano Battaglia
<i>Crepis rubra</i>	Pink Hawk's-beard	Ficuzza
<i>Dittrichia viscosa</i>	Stink Aster	Gibilmanna
<i>Doronicum orientale</i>	a Leopard's-bane	Above Zafferana
<i>Evax astericifolia</i>	an Evax	Ficuzza
<i>Evax pygmaea</i>	Evax	Portella Mandarini
<i>Galactites tomentosa</i>	Galactites	Common
<i>Glebionis coronarium</i>	Crown Daisy	Fiumefreddo
<i>Glebionis segetum</i>	Corn Marigold	Isnello Gorge

Scientific name	Common name	Location
<i>Helichrysum italicum</i>	an Everlasting	Isnello Gorge
<i>Helichrysum nebrodensis</i> **	an Everlasting	Vallone Madonna degli Angeli
<i>Hyoseris radiata</i>	-	Above Zafferana
<i>Hypochaeris radicata</i>	Cat's-ear	N of Petralia
<i>Launaea resedifolia</i>	-	Vallone Madonna degli Angeli
<i>Notobasis syriaca</i>	Syrian Thistle	Isnello Gorge
<i>Onopordum illyricum</i>	-	N of Petralia
<i>Pallenis spinosa</i>	Pallenis	Ficuzza
<i>Phagnalon rupestre</i>	Phagnalon	Isnello Gorge
<i>Rhagadiolus edulis</i>	-	Above Zafferana
<i>Scolymus grandiflorus</i>	a Spanish Oyster Plant	E of Collesano
<i>Silybum marianum</i>	Milk Thistle	Roadsides
<i>Tanacetum siculum</i>	Etna Tansy	N.E of Etna
<i>Tragapogon hybridum</i>	Hybrid Goat's-beard	Below Pizzo Antenna
<i>Tragopogon porrifolius</i>	Salsify	Near Isnello (white form)
<i>Tussilago farfara</i>	Colt's-foot	N of Petralia
<i>Urospermum dalechampii</i>	Urospermum	Ficuzza
<i>Urospermum picroides</i>	-	Gibilmanna
<i>Volutaria lippii</i>	Volutaria	Ficuzza
<b>Berberidaceae</b>	<b>Barberry Family</b>	
<i>Berberis aetnensis</i>	Etna Barberry	Piano Provenzana
<b>Betulaceae</b>	<b>Birch Family</b>	
<i>Betula aetnensis</i> **	Etna Birch	Refugio Citelli
<b>Boraginaceae</b>	<b>Borage Family</b>	
<i>Anchusa cretica</i>	-	N.E of Etna
<i>Borago officinalis</i>	Borage	S of Castellano
<i>Cerintho majus</i>	Honeywort	Fiumefreddo
<i>Cynoglossum creticum</i>	Blue Hound's-tongue	Gibilmanna
<i>Cynoglossum nebrodense</i> **	an endemic Hound's-tongue	Piano Battaglia
<i>Echium italicum</i>	Pale Bugloss	S of Castellano
<i>Echium plantagineum</i>	Purple Viper's-bugloss	Fiumefreddo
<i>Myosotis ramosissima</i>	Early forget-Me-Not	N.E of Etna
<i>Myosotis sylvatica</i>	Wood Forget-Me-Not	Below Pizzo Antenna
<i>Onosma canescens</i>	Golden Drops	Vallone Madonna degli Angeli
<i>Symphytum bulbosum</i>	Bulbous Comfrey	Grounds of the Hotel Pomieri
<b>Brassicaceae</b>	<b>Cabbage Family</b>	
<i>Aetheonema saxatile</i>	Burnt Candytuft	Vallone Madonna degli Angeli
<i>Alyssum nebrodense</i> **	Nebrode Alyssum	Vallone Madonna degli Angeli
<i>Arabidopsis thaliana</i>	Thale Cress	Piano Provenzana
<i>Arabis glabra</i>	Tower Mustard	Above Zafferana
<i>Arabis turrata</i>	Tower Cress	Above Zafferana
<i>Arabis verna</i>	Spring Rock-cress	Below Pizzo Antenna
<i>Barbarea sp.</i>	a Winter-cress	Below Pizzo Antenna
<i>Biscutella didyma</i>	Biscutella	Above Zafferana
<i>Cakile maritima</i>	Sea Rocket	Fiumefreddo Beach
<i>Capsella bursa-pastoris</i>	Shepherd's-purse	Grounds of Case Perrotta
<i>Erysimum bonannianum</i> **	a Treacle-mustard	N.E of Etna
<i>Iberis pruitii</i>	Candytuft	Vallone Madonna degli Angeli
<i>Isatis tinctoria subsp. canescens</i>	Woad	N.E of Etna

Scientific name	Common name	Location
<i>Lobularia maritima</i>	Sweet Alison	Walls in Zafferana
<i>Matthiola fruticulosa</i> var. <i>sicula</i> **	Sad Stock	Vallone Madonna degli Angeli
<i>Matthiola tricuspidata</i>	Three-horned Stock	Fiumefreddo Beach
<i>Sisymbrium officinale</i>	Hedge Mustard	Fiumefreddo
<b>Campanulaceae</b>	<b>Bellflower Family</b>	
<i>Campanula erinus</i>	Annual Bellflower	Grounds of Case Perrotta
<b>Capparaceae</b>	<b>Caper Family</b>	
<i>Capparis spinosa</i>	Caper	Isnello Gorge
<b>Caprifoliaceae</b>	<b>Honeysuckle Family</b>	
<i>Lonicera etrusca</i>	-	Vallone Madonna degli Angeli
<i>Sambucus nigra</i>	Elderberry	Roadsides
<b>Caryophyllaceae</b>	<b>Pink Family</b>	
<i>Arenaria grandiflora</i> subsp. <i>grandiflora</i>	Large-flowered Sandwort	Vallone Madonna degli Angeli
<i>Arenaria serpyllifolia</i> agg	Thyme-leaved Sandwort	N.E of Etna
<i>Cerastium glomeratum</i>	Sticky Mouse-ear	Gibilmanna
<i>Cerastium tomentosum</i> subsp. <i>aetneum</i> **	Snow-in-Summer	Refugio Citelli
<i>Petrorhagia velutina</i>	a Childing Pink	Above Zafferana
<i>Polycarpon tetraphyllum</i>	Four-leaved Allseed	Grounds of Case Perrotta
<i>Scleranthus aetnensis</i> **	a Knawel	N.E of Etna
<i>Scleranthus marginatus</i>	a Knawel	Piano Battaglia
<i>Scleranthus perennis</i> subsp. <i>vulcanicus</i> **	a Perennial Knawel	Piano Provenzana
<i>Silene gallica</i>	Small-flowered Catchfly	Gibilmanna
<i>Silene italica</i>	Italian Catchfly	Gibilmanna
<i>Silene latifolia</i>	White Campion	Above Zafferana
<i>Silene vulgaris</i>	Bladder campion	N.E of Etna
<i>Stellaria media</i>	Chickweed	Gibilmanna
<b>Cistaceae</b>	<b>Rockrose Family</b>	
<i>Cistus creticus</i>	Cretan Cistus	Gibilmanna
<i>Cistus monspeliensis</i>	Narrow-leaved Cistus	Gibilmanna
<i>Cistus salvifolius</i>	Sage-leaved Cistus	N of Petralia
<i>Helianthemum nummularium</i>	Rockrose	Vallone Madonna degli Angeli
<i>Helianthemum oelandicum</i> subsp. <i>canum</i>	Hoary Rockrose	Vallone Madonna degli Angeli
<b>Clusiaceae</b>	<b>St. John's Wort Family</b>	
<i>Hypericum perforatum</i>	Perforate St. John's-wort	Gibilmanna
<b>Convolvulaceae</b>	<b>Bindweed Family</b>	
<i>Calystegia silvatica</i>	Large Bindweed	Grounds of Case Perrotta
<i>Convolvulus althaeoides</i>	Mallow-leaved Bindweed	Service Area, Termini
<i>Convolvulus arvensis</i>	Field Bindweed	S of Collesano
<i>Convolvulus cantabrica</i>	a Bindweed	Vallone Madonna degli Angeli
<i>Convolvulus siculus</i>	Small Blue Convolvulus	Marineo
<i>Cuscuta epithymum</i>	Common Dodder	Vallone Madonna degli Angeli
<b>Crassulaceae</b>	<b>Stonecrop Family</b>	
<i>Sedum caeruleum</i>	Blue stonecrop	S of Collesano
<i>Sedum forsterianum</i>	Rock Stonecrop	Gibilmanna
<i>Sedum sediforme</i>	a Stonecrop	Vallone Madonna degli Angeli

Scientific name	Common name	Location
<i>Sedum stellatum</i>	Starry Stonecrop	Above Zafferana
<i>Umbilicus rupestris</i>	Wall Pennywort	N.E of Etna
<b>Dipsacaceae</b>	<b>Teasel Family</b>	
<i>Dipsacus fullonum</i>	Teasel	S of Collesano
<i>Pterocephalus plumosus</i>	Annual Pterocephalus	Above Zafferana
<i>Scabiosa cretica</i>	-	Isnello Gorge
<b>Ericaceae</b>	<b>Heather Family</b>	
<i>Erica arborea</i>	Tree Heather	Gibilmanna
<b>Euphorbiaceae</b>	<b>Spurge Family</b>	
<i>Euphorbia characias</i> subsp. <i>characias</i>	Large Mediterranean Spurge	Gibilmanna
<i>Euphorbia dendroides</i>	Tree Spurge	Isnello Gorge
<i>Euphorbia helioscopia</i>	Sun Spurge	Grounds of Case Perrotta
<i>Euphorbia peplus</i>	Petty Spurge	Fiumefreddo
<i>Euphorbia rigida</i>	Narrow-leaved Glaucous Spurge	N of Petralia
<i>Mercurialis annuus</i>	Annual Mercury	Fiumefreddo
<i>Ricinus communis</i>	Castor Oil Plant	Fiumefreddo
<b>Fabaceae</b>	<b>Pea Family</b>	
<i>Anthyllis vulneraria</i>	Kidney Vetch	N of Petralia
<i>Anthyllis vulneraria</i> subsp. <i>praepropera</i>	Mediterranean Kidney Vetch	Ficuzza
<i>Anthyllis tetraphylla</i>	Bladder Vetch	E of Collesano
<i>Astragalus depressus</i>	Sprawling Milk Vetch	Piano Battaglia
<i>Astragalus nebrodensis</i> **	-	Vallone Madonna degli Angeli
<i>Astragalus siculus</i> **	Etna Milk-vetch	Refugio Citelli
<i>Bitumaria bituminosa</i>	Pitch Trefoil	Isnello Gorge
<i>Calicotome infesta</i>	Thorny Broom	Above Zafferana
<i>Cytisus villosus</i>	-	Above Zafferana
<i>Genista aetnensis</i> **	Etna Broom	N.E of Etna
<i>Genista cupanii</i> **	an endemic Greenweed	N of Petralia
<i>Hedysarum coronarium</i>	Italian Sainfoin	Near Castellano
<i>Hippocrepis emerus</i> subsp. <i>emeroides</i>	a Scorpion-vetch	Vallone Madonna degli Angeli
<i>Lathyrus anuus</i>	-	Fiumefreddo
<i>Lathyrus aphaca</i>	Yellow Vetchling	Gibilmanna
<i>Lathyrus cicera</i>	-	Vallone Madonna degli Angeli
<i>Lathyrus clymenum</i>	-	Vallone Madonna degli Angeli
<i>Lathyrus ochrus</i>	-	N of Petralia
<i>Lathyrus odoratus</i> **	Sweet Pea	Near Castellano
<i>Lathyrus setifolius</i>	-	N.E of Etna
<i>Lotus ornithopodioides</i>	-	Fiumefreddo Beach
<i>Lupinus angustifolius</i>	Narrow-leaved Lupin	Above Zafferana
<i>Lupinus varius</i>	-	N of Petralia
<i>Medicago lupulina</i>	Black Medick	Vallone Madonna degli Angeli
<i>Medicago orbicularis</i>	Disc Medick	N of Petralia
<i>Medicago polymorpha</i>	Toothed Medick	Piano Provenzana
<i>Melilotus indicus</i>	Small Melilot	Vallone Madonna degli Angeli
<i>Pisum sativum</i> subsp. <i>elatius</i>	Wild Pea	Above Zafferana
<i>Robinia pseudoacacia</i>	False Acacia	Roadsides
<i>Scorpiarius muricatus</i>	Scorpion-vetch	Service Area, Termini
<i>Spartium junceum</i>	Spanish Broom	Roadsides

Scientific name	Common name	Location
<i>Tetragonolobus purpureus</i>	Asparagus Pea	Ficuzza
<i>Trifolium arvense</i>	Hare's-foot Clover	N.E of Etna
<i>Trifolium campestre</i>	Hop Trefoil	Above Zafferana
<i>Trifolium hybridum</i>	Alsike Clover	N of Petralia
<i>Trifolium incarnatum subsp. molinerii</i>	Long-headed Clover	Above Zafferana
<i>Trifolium repens</i>	White Clover	Grounds of Case Perrotta
<i>Trifolium resupinatum</i>	Reversed Clover	N of Petralia
<i>Trifolium speciosum</i>	-	N of Petralia
<i>Trifolium stellatum</i>	Starry Clover	Vallone Madonna degli Angeli
<i>Trifolium striatum</i>	Soft Clover	N of Petralia
<i>Trifolium subterraneum</i>	Burrowing Clover	Grounds of Case Perrotta
<i>Trifolium tomentosum</i>	Woolly Trefoil	N of Petralia
<i>Vicia disperma</i>	-	Piano Battaglia
<i>Vicia hirsuta</i>	Hairy Tare	Fiumefreddo
<i>Vicia lutea</i>	Yellow Vetch	Above Zafferana
<i>Vicia sativa subsp. nigra</i>	Small Common Vetch	Above Zafferana
<i>Vicia tenuifolia</i>	Fine-leaved Vetch	Fiumefreddo
<i>Vicia villosa</i>	Fodder Vetch	N.E of Etna
<b>Fagaceae</b>	<b>Beech Family</b>	
<i>Castanea sativa</i>	Sweet Chestnut	N.E of Etna
<i>Fagus sylvatica</i>	Beech	Piano Provenzana
<i>Quercus ilex</i>	Holly Oak	Vallone Madonna degli Angeli
<i>Quercus pubescens</i>	Downy Oak	N.E of Etna
<i>Quercus suber</i>	Cork Oak	S of Isnello
<b>Fumariaceae</b>	<b>Fumitory Family</b>	
<i>Corydalis solida</i>	Bird-in-a-bush	Piano Battaglia
<i>Fumaria capreolata</i>	White Ramping Fumitory	Fiumefreddo
<i>Fumaria officinalis</i>	Common Fumitory	Vallone Madonna degli Angeli
<b>Gentianaceae</b>	<b>Gentian Family</b>	
<i>Centaurium maritimum</i>	Yellow Centaury	Ficuzza
<b>Geraniaceae</b>	<b>Geranium Family</b>	
<i>Erodium chium</i>	-	Grounds of Case Perrotta
<i>Erodium cicutarium</i>	Common Stork's-bill	Ficuzza
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	Fiumefreddo beach
<i>Geranium lucidum</i>	Shining Crane's-bill	N.E of Etna
<i>Geranium molle</i>	Dove's-foot Crane's-bill	Fiumefreddo
<i>Geranium purpureum</i>	Little Robin	N.E of Etna
<i>Geranium pyrenaicum</i>	Hedgerow Crane's-bill	Below Pizzo Antenna
<i>Geranium sanguineum</i>	Bloody Crane's-bill	Above Zafferana
<b>Lamiaceae</b>	<b>Dead-nettle Family</b>	
<i>Clinopodium acinos</i>	Basil-thyme	N.E of Etna
<i>Lamium amplexicaule</i>	Henbit Deadnettle	Gibilmanna
<i>Lamium bifidum</i>	-	Below Pizzo Antenna
<i>Lavandula stoechas</i>	French Lavender	Gibilmanna
<i>Melittis melissophyllum</i>	Bastard Balm	Gibilmanna
<i>Mentha arvensis</i>	Corn Mint	N of Petralia
<i>Origanum vulgare</i>	Marjoram	Vallone Madonna degli Angeli
<i>Prasium majus</i>	Prasium	Isnello Gorge

Scientific name	Common name	Location
<i>Salvia verbenaca</i>	Wild Clary	Grounds of Case Perrotta
<i>Sideritis romana</i>	-	Vallone Madonna degli Angeli
<i>Teucrium fruticans</i>	Shrub Germander	E of Collesano
<i>Thymus capitatus</i>	a Thyme	Vallone Madonna degli Angeli
<b>Linaceae</b>	<b>Flax Family</b>	
<i>Linum bienne</i>	Biennial Flax	N of Petralia
<i>Linum punctatum</i>	a Flax	Vallone Madonna degli Angeli
<b>Lythraceae</b>	<b>Loosesrife Family</b>	
<i>Lythrum junceum</i>	-	Fiumefreddo
<b>Malvaceae</b>	<b>Mallow Family</b>	
<i>Lavatera arborea</i>	Tree Mallow	Roadsides
<i>Lavatera trimestris</i>	Annual Mallow	Near Castellano
<i>Malva cretica</i>	Cretan Mallow	Fiumefreddo
<i>Malva pusilla</i>	Least Mallow	Near Castellano
<i>Malva sylvestris</i>	Common Mallow	Service Area, Termini
<b>Moraceae</b>	<b>Mulberry Family</b>	
<i>Ficus carica</i>	Fig	Naturalised on roadsides
<b>Oleaceae</b>	<b>Olive Family</b>	
<i>Fraxinus angustifolia</i>	Narrow-leaved Ash	Ficuzza
<i>Fraxinus ornus</i>	Flowering Ash	Above Zafferana
<b>Orobanchaceae</b>	<b>Broomrape Family</b>	
<i>Orobanche minor</i>	Common Broomrape	Fiumefreddo
<i>Orobanche ramosa</i>	Branched Broomrape	Grounds of Case Perrotta
<i>Orobanche rapum-genistae</i>	Greater Broomrape	Gibilmanna
<b>Oxalidaceae</b>	<b>Wood-sorrel Family</b>	
<i>Oxalis pres-caprae</i>	Bermuda Buttercup	Fiumefreddo
<b>Paeoniaceae</b>	<b>Peony Family</b>	
<i>Paeonia mascula (White)</i>	Peony	Below Piana Antenna
<b>Papaveraceae</b>	<b>Poppy Family</b>	
<i>Papaver dubium subsp. dubium</i>	Long-headed Poppy	Portella Mandarinini
<i>Papaver rhoeas</i>	Common Poppy	Grounds of Case Perrotta
<b>Plantaginaceae</b>	<b>Thrift Family</b>	
<i>Plantago coronopus</i>	Stag's-horn Plantain	N of Petralia
<i>Plantago lagopus</i>	Hare's-tail Plantain	Fiumefreddo
<i>Plantago lanceolata</i>	Ribwort Plantain	N of Petralia
<b>Polygonaceae</b>	<b>Dock Family</b>	
<i>Rumex acetosa</i>	Sorrel	Between Etna and Nicolosi
<i>Rumex bucephaliflorus</i>	Horned Dock	N.E of Etna
<i>Rumex pulcher</i>	Fiddle Dock	Fiumefreddo
<i>Rumex scutatus forma aetnensis**</i>	Etna Sorrel	Between Etna and Nicolosi
<i>Rumex thyrsoides</i>	a Sorrel	Portella Mandarinini

Scientific name	Common name	Location
<b>Primulaceae</b>		
<i>Anagallis arvensis</i> (Blue)	Scarlet Pimpernel	N of Petralia
<i>Anagallis arvensis</i> (Red)	Scarlet Pimpernel	N.E of Etna
<i>Cyclamen repandum</i>	Spring Sowbread	N of Petralia
<b>Ranunculaceae</b>		
<i>Anemone apennina</i>	Blue Anemone	Below Pizzo Antenna
<i>Anemone hortensis</i>	an Anemone	N of Petralia
<i>Clematis vitalba</i>	Traveller's Joy	Vallone Madonna degli Angeli
<i>Nigella damascena</i>	Love-in-a-mist	Isnello Gorge
<i>Ranunculus arvensis</i>	Corn Buttercup	Portella Mandarinini
<i>Ranunculus bulbosus</i>	Bulbous Buttercup	Piano Battaglia
<i>Ranunculus ficaria</i> agg	Lesser Celandine	Piano Battaglia
<i>Ranunculus montpelaiacus</i> subsp. <i>saxatilis</i>	-	N.E of Etna
<i>Ranunculus millefoliatus</i>	Million-leaved Buttercup	Portella Mandarinini
<i>Ranunculus peltatus</i>	Pond Water-crowfoot	Ficuzza
<i>Ranunculus sceleratus</i>	Celery-leaved Buttercup	Ficuzza
<i>Ranunculus velutinus</i>	-	N of Gibilmanna
<i>Thalictrum aquilegifolium</i>	Great Meadow-rue	Gibilmanna
<b>Resedaceae</b>		
<i>Reseda alba</i>	White Mignonette	Refugio Citelli
<b>Rhamnaceae</b>		
<i>Rhamnus alaternus</i>	Mediterranean Buckthorn	Isnello Gorge
<b>Rosaceae</b>		
<i>Amelanchier ovalis</i>	Juneberry	Vallone Madonna degli Angeli
<i>Crataegus orientalis</i> (C. <i>laciniata</i> )	a Hawthorn	N of Petralia
<i>Crataegus monogyna</i>	Hawthorn	Below Pizzo Antenna
<i>Geum urbanum</i>	Wood Avens	Gibilmanna
<i>Mespilus germanica</i>	Medlar	
<i>Potentilla calabra</i>	a Cinquefoil	Piano Provenzana
<i>Potentilla reptans</i>	Creeping Cinqufoil	
<i>Prunus dulcis</i>	Almond	
<i>Prunus spinosa</i>	Blackthorn	N of Petralia
<i>Pyrus amygdaliformis</i>	Almond-leaved Pear	N of Petralia
<i>Pyrus communis</i>	Wild Pear	Below Pizzo Antenna
<i>Rosa canina</i> agg	Dog Rose	N of Petralia
<i>Rubus fruticosus</i> agg	Bramble	Above Zafferana
<i>Sanguisorba minor</i>	Salad Burnet	Grounds of Case Perrotta
<i>Sorbus aria</i>	Whitebeam	Vallone Madonna degli Angeli
<b>Rubiaceae</b>		
<i>Galium aetnicum</i> **	-	N.E of Etna
<i>Galium aparine</i>	Cleavers	Gibilmanna
<i>Galium verum</i>	Lady's Bedstraw	Portella Mandarinini
<i>Rubia peregriana</i>	Wild Madder	Above Zafferana
<i>Sherardia arvensis</i>	Field Madder	Refugio Citelli
<b>Salicaceae</b>		
<i>Populus alba</i>	White Poplar	Fiumefreddo

Scientific name	Common name	Location
<i>Populus x canescens</i>	Grey Poplar	Below Pizzo Antenna
<i>Salix alba</i>	White Willow	Fiumefreddo
<b>Saxifragaceae</b>	<b>Saxifrage Family</b>	
<i>Saxifraga bulbifera</i>	Saxifrage	Piano Battaglia
<i>Saxifraga granulata</i>	Meadow Saxifrage	N of Petralia
<b>Scrophulariaceae</b>	<b>Figwort Family</b>	
<i>Antirrhinum majus</i>	Snapdragon	Gibilmanna
<i>Bellardia trixago</i>	Bellardia	Ficuzza
<i>Linaria heterophylla</i>	a Toadflax	Above Zafferana
<i>Linaria pelisseriana</i>	Jersey Toadflax	Grounds of the Hotel Pomieri
<i>Linaria purpurea</i>	Purple Toadflax	Between Etna and Nicolosi
<i>Linaria reflexa</i>	a Toadflax	Vallone Madonna degli Angeli
<i>Misopates orontium</i>	Weasel-snout	Isnello Gorge
<i>Parentucellia latifolia</i>	Southern Red Bartsia	Below Pizzo Antenna
<i>Parentucellia viscosa</i>	Yellow Bartsia	Isnello Gorge
<i>Scrophularia canina</i>	French Figwort	Vallone Madonna degli Angeli
<i>Scrophularia peregrina</i>	Nettle-leaved Figwort	Gibilmanna
<i>Veronica arvensis</i>	Wall Speedwell	Below Pizzo Antenna
<i>Veronica beccabunga</i>	Brooklime	Below Pizzo Antenna
<i>Veronica cymbalaria</i>	White Speedwell	Isnello Gorge
<b>Simaroubaceae</b>	<b>Tree of Heaven family</b>	
<i>Ailanthus altissima</i>	Tree of Heaven	Roadsides
<b>Solanaceae</b>	<b>Nightshade Family</b>	
<i>Solanum nigrum</i>	Black Nightshade	Isnello Gorge
<b>Urticaceae</b>	<b>Nettle Family</b>	
<i>Parietaria judacea</i>	Pellitory-of-the-wall	N.E of Etna
<i>Urtica dioica</i>	Nettle	Above Zafferana
<i>Urtica membranacea</i>	Mediterranean Nettle	Fiumefreddo
<b>Thymelaeaceae</b>	<b>Daphne Family</b>	
<i>Daphne laureola</i>	Spurge Laurel	N of Petralia
<b>Valerianaceae</b>	<b>Valerian Family</b>	
<i>Centranthus calcitrapa</i>	Annual Valerian	Vallone Madonna degli Angeli
<i>Centranthus ruber</i>	Red Valerian	Common
<i>Fedia cornucopiae</i>	Fedia	N of Petralia
<i>Valeriana tuberosa</i>	a Valerian	Piano Battaglia
<i>Valerianella lacustris</i>	Common Cornsalad	
<b>Verbenaceae</b>	<b>Verbena Family</b>	
<i>Lantana camara</i>	Lantana	Occasionally naturalised
<b>Violaceae</b>	<b>Violet Family</b>	
<i>Viola aethnensis</i> **	Etna Violet	Piano Provenzana
<i>Viola parvula</i>	-	Piano Provenzana
<i>Viola riviniana</i>	Common Dog Violet	N.E of Etna



Scientific name	Common name	Location
<b>Viscaceae</b>		
<i>Viscum album subsp. album</i>	Mistletoe	Between Isnello and Piano Battaglia
<i>Viscum album subsp. austriacum</i>	Mistletoe	Roadsides
<b>Liliidae (Monocotyledons)</b>		
<b>Alliaceae</b>		
<b>Onion Family</b>		
<i>Allium neapolitanum</i>	Naples Garlic	Gibilmanna
<i>Allium nigrum</i>	-	Near Castellano
<i>Allium pendulinum</i>	a Leek	Below Pizzo Antenna
<i>Allium roseum</i>	Rosy Garlic	Ficuzza
<i>Allium subhirsutum</i>	A Leek	N of Petralia
<i>Allium triquetrum</i>	Three-cornered Leek	Fiumefreddo
<i>Allium ursinum</i>	Ramsons	
<i>Narcissus tazetta</i>	Bunch-flowered Daffodil	Piano Battaglia
<b>Araceae</b>		
<b>Lords and Ladies Family</b>		
<i>Arum italicum subsp. italicum</i>	Large Cuckoo Pint	Fiumefreddo
<i>Arum italicum subsp. neglectum</i>	Large Cuckoo Pint (plain leaves)	
<b>Asparagaceae</b>		
<b>Asparagus Family</b>		
<i>Agave americana</i>	Agave or Century Plant	Occasionally naturalised
<i>Agave sisalana</i>	Sisal	Occasionally naturalised
<i>Asparagus acutifolius</i>	Prickly Asparagus	N of Petralia
<i>Bellevalia dubia</i>	-	N of Petralia
<i>Bellevalia romana</i>	-	Piano Battaglia
<i>Muscari comosum</i>	Tassel Hyacinth	N.E of Etna
<i>Muscari neglectum</i>	Grape Hyacinth	N of Petralia
<i>Ornithogalum angustifolium</i>	Common Star of Bethlehem	N of Petralia
<i>Ornithogalum arabicum</i>	-	Near Castellano
<i>Ornithogalum montanum</i>	Mountain Star of Bethlehem	Vallone Madonna degli Angeli
<i>Ornithogalum narbonense</i>	a Star of Bethlehem	Near Castellano
<i>Ruscus aculeatus</i>	Butcher's-broom	Above Zafferana
<i>Scilla bifolia</i>	Alpine Squill	Piano Battaglia
<b>Cyperaceae</b>		
<b>Sedge Family</b>		
<i>Carex flacca</i>	Glaucous Sedge	Ficuzza
<i>Carex remota</i>	Remote Sedge	N.E of Etna
<b>Dioscoreaceae</b>		
<b>Black Bryony Family</b>		
<i>Tamus communis</i>	Black Bryony	Above Zafferana
<b>Iridaceae</b>		
<b>Iris Family</b>		
<i>Gladiolus italicus</i>	Italian Gladiolus	Near Castellano
<i>Hermodactylus tuberosus</i>	Snake's-head Iris	Vallone Madonna degli Angeli (over)
<i>Iris pseudopumila (Purple form)</i>	an Iris	Vallone Madonna degli Angeli
<i>Iris pseudopumila (Yellow two-tone form)</i>	an Iris	Vallone Madonna degli Angeli
<i>Romulea bulbocodium</i>	a Romulea	Piano Battaglia
<b>Juncaceae</b>		
<b>Rush Family</b>		
<i>Juncus inflexus</i>	Hard rush	Gibilmanna
<i>Luzula forsteri</i>	Southern Woodrush	Gibilmanna
<i>Luzula pilosa</i>	Hairy Woodrush	Above Zafferana

Scientific name	Common name	Location
<i>Luzula sylvatica</i>	Great Woodrush	Vallone Madonna degli Angeli
<b>Liliaceae</b>		
<i>Gagea fragifera</i> ( <i>G. fistulosa</i> )	a Yellow Star of Bethlehem	Piano Battaglia
<b>Orchidaceae</b>		
<i>Anacamptis morio</i>	Green-winged Orchid	Above Zafferana
<i>Anacamptis longicornu</i>	-	N of Petralia
<i>Cephalanthera longifolia</i>	Sword-leaved Helleborine	N.E of Etna
<i>Dactylorhiza markusii</i>	-	Portella Mandarin
<i>Dactylorhiza romana</i>	Roman Orchid	N.E of Etna
<i>Dactylorhiza sambucina</i>	Elder-flowered Orchid	Between Etna and Nicolosi
<i>Limodora abortivum</i>	Violet Bird's-nest Orchid	N.E of Etna
<i>Ophrys apifera</i>	Bee Orchid	Gibilmanna
<i>Ophrys bertolonii</i>	Bertoloni's Bee Orchid	N of Petralia
<i>Ophrys bombyliflora</i>	Bumblebee Orchid	Ficuzza
<i>Ophrys flammeola</i> **	-	Vallone Madonna degli Angeli
<i>Ophrys fusca</i> agg	Sombre Bee Orchid	Vallone Madonna degli Angeli
<i>Ophrys grandiflora</i> **	a Sawfly Orchid	Vallone Madonna degli Angeli
<i>Ophrys incubacea</i>	Dark Ophrys	N of Petralia
<i>Ophrys lacaitae</i>	-	N of Petralia
<i>Ophrys lucifera</i>	a Sombre Bee Orchid	Ficuzza
<i>Ophrys lutea</i>	Yellow Bee Orchid	Vallone Madonna degli Angeli
<i>Ophrys oxyrhynchos</i>	-	Ficuzza
<i>Ophrys pallida</i>	-	Ficuzza
<i>Ophrys sicula</i>	-	Below Pizzo Antenna
<i>Ophrys speculum</i>	Mirror Orchid	Vallone Madonna degli Angeli
<i>Orchis anthropophora</i>	Man Orchid	Vallone Madonna degli Angeli
<i>Orchis branchifortii</i> *	Branchifort's Orchid	Vallone Madonna degli Angeli
<i>Orchis commutata</i>	a Toothed Orchid	Grounds of Case Perrotta
<i>Orchis intacta</i>	Dense-flowered Orchid	N of Petralia
<i>Orchis italica</i>	Naked Man Orchid	Vallone Madonna degli Angeli
<i>Orchis lactea</i>	Milky Orchid	Grounds of Case Perrotta
<i>Orchis papilionacea</i> var. <i>grandiflora</i>	Pink Butterfly Orchid	N of Petralia
<i>Orchis papilionacea</i> x <i>A. longicornu</i>	a hybrid Orchid	N of Petralia
<i>Orchis provincialis</i>	Provence Orchid	N of Petralia
<i>Orchis tridentata</i>	Toothed Orchid	Vallone Madonna degli Angeli
<i>Serapias</i> cf. <i>cordigera</i>	Heart-shaped Tongue Orchid	Ficuzza
<i>Serapias lingua</i>	Tongue Orchid	Ficuzza
<i>Serapias vomeracea</i>	Plough-share Tongue Orchid	Ficuzza
<b>Poaceae</b>		
<i>Aegilops ovalis</i>	-	Gibilmanna
<i>Aira caryophyllea</i>	Silver Hair-grass	N.E of Etna
<i>Ampelodesma mauritanica</i>	-	Gibilmanna
<i>Anisantha diandra</i>	Great Brome	N.E of Etna
<i>Anisantha sterilis</i>	Barren Brome	Vallone Madonna degli Angeli
<i>Anisantha tectorum</i>	Drooping Brome	N.E of Etna
<i>Anthoxanthum odorata</i>	Sweet Vernal Grass	N.E of Etna
<i>Arundo donax</i>	Giant Reed	Fiumefreddo
<i>Avena barbata</i>	Slender Oat	N of Petralia
<i>Avena sterilis</i>	Winter Wild-oat	N of Petralia
<i>Briza maxima</i>	Great Quaking-grass	Above Zafferana

Scientific name	Common name	Location
<i>Brachypodium sylvaticum</i>	False Brome	Above Zafferana
<i>Catapodium rigidum</i>	Fern Grass	Above Zafferana
<i>Cynodon dactylon</i>	Bermuda Grass	Motorway Service Area Termini
<i>Cynosurus echinatus</i>	Rough Dog's-tail	N of Petralia
<i>Dactylis glomerata</i>	Cock's Foot	Grounds of Case Perrotta
<i>Digitaria sanguinalis</i>	Hairy Finger-grass	Fiumefreddo beach
<i>Festuca arundinacea</i>	Tall Fescue	South of Castellano
<i>Festuca vivipara</i>	Viviporous Fescue	N.E of Etna
<i>Hordeum murinum</i>	Wall Barley	Isnello Gorge
<i>Hyparrhenia hirta</i>	-	Isnello Gorge
<i>Lagurus ovatus</i>	Hare's-tail Grass	Common
<i>Lamarckia aurea</i>	Lamarck's Golden Grass	Fiumefreddo
<i>Lolium perenne</i>	Perennial Rye-grass	Isnello Gorge
<i>Phragmites australis</i>	Common Reed	Pomieri,
<i>Poa annua</i>	Annual Meadow-grass	Case Perrotta
<i>Rostraria cristata</i>	-	Case Perrotta
<i>Vulpia myuros</i>	Rat's-tail Fescue	Above Zafferana
<i>Vulpia bromoides</i>	Squirrel-tailed Fescue	Fiumefreddo beach
<b>Smilacaceae</b>	<b>Smilax Family</b>	
<i>Smilax aspera</i>	Smilax	Gibilmanna
<b>Xanthorrhoeaceae</b>	<b>Asphodel Family</b>	
<i>Asphodeline lutea</i>	Yellow Asphodel	Between Etna and Nicolosi
<i>Asphodelus aestivus</i>	Common Asphodel	N.E of Etna

Birds (✓ = recorded but not counted; H = heard only; LO = Leader Only)

	Common name	Scientific name	May							
			1	2	3	4	5	6	7	8
1	Common Buzzard	<i>Buteo buteo</i>				✓	✓	✓		
2	Common Kestrel	<i>Falco tinnunculus</i>				✓		✓		✓
3	Yellow-legged Gull	<i>Larus michahellis</i>		✓			✓	✓		✓
4	Common Pigeon	<i>Columba livia (Feral)</i>		✓	✓	✓	✓	✓	✓	✓
5	Common Wood Pigeon	<i>Columba palumbus</i>			✓	✓	✓		✓	✓
6	Eurasian Collared Dove	<i>Streptopelia decaocto</i>		✓	✓	✓	✓		✓	✓
7	European Turtle Dove	<i>Streptopelia turtur</i>						✓		
8	Common Cuckoo	<i>Cuculus canorus</i>		H	H		H	H	H	H
9	Tawny Owl	<i>Strix aluco</i>		H						
10	Common Swift	<i>Apus apus</i>		✓	✓	✓		✓	✓	✓
11	Pallid Swift	<i>Apus pallidus</i>						LO		
12	Eurasian Hoopoe	<i>Upupa epops</i>		LO		✓	H	✓	H	H
13	European Bee-eater	<i>Merops apiaster</i>				✓				H
14	Great Spotted Woodpecker	<i>Dendrocopos major</i>		LO						✓
15	Crested Lark	<i>Galerida cristata</i>				✓				
16	Eurasian Crag Martin	<i>Ptyonoprogne rupestris</i>							✓	
17	Barn Swallow	<i>Hirundo rustica</i>				✓		✓	✓	✓
18	Common House Martin	<i>Delichon urbicum</i>		✓				✓	✓	✓
19	White Wagtail	<i>Motacilla alba</i>			✓	✓	✓		✓	
20	Grey Wagtail	<i>Motacilla cinerea</i>						✓	✓	✓
21	European Robin	<i>Erithacus rubecula</i>					H	H	H	H
22	Common Nightingale	<i>Luscinia megarhynchos</i>		H		H				
23	Black Redstart	<i>Phoenicurus ochruros</i>					✓	✓	✓	✓

	Common name	Scientific name	May							
			1	2	3	4	5	6	7	8
24	Common Stonechat	<i>Saxicola torquata</i>								✓
25	Mistle Thrush	<i>Turdus viscivorus</i>							✓	
26	Common Blackbird	<i>Turdus merula</i>		✓	✓	✓	✓	✓		✓
27	Eurasian Blackcap	<i>Sylvia atricapilla</i>		H	H	H	H	H	H	H
28	Sardinian Warbler	<i>Sylvia melanocephala</i>		✓	✓	✓	✓	H	✓	✓
29	Cetti's Warbler	<i>Cettia cetti</i>		H						
30	Common Chiffchaff	<i>Phylloscopus collybita</i>		H	H	H	H	H	H	H
31	Eurasian Wren	<i>Troglodytes troglodytes</i>		H				H	H	H
32	Great Tit	<i>Parus major</i>		✓	✓	✓	✓	✓	✓	✓
33	Coal Tit	<i>Periparus ater</i>						H		H
34	European Blue Tit	<i>Cyanistes caeruleus</i>		✓		✓	✓	✓	✓	✓
35	Eurasian Nuthatch	<i>Sitta europaea</i>							✓	✓
36	Short-toed Tree Creeper	<i>Certhia brachydactyla</i>							✓	
37	Eurasian Magpie	<i>Pica pica</i>		✓	✓	✓	✓	✓	✓	✓
38	Eurasian Jay	<i>Garrulus glandarius</i>		✓	✓	✓	✓	✓	✓	✓
39	Western Jackdaw	<i>Corvus monedula</i>				✓		✓		✓
40	Red -billed Chough	<i>Pyrrhocorax pyrrhocorax</i>					✓			
41	Hooded Crow	<i>Corvus cornix</i>		✓	✓	✓		✓	✓	✓
42	Common Raven	<i>Corvus corax</i>					✓	✓		
43	Spotless Starling	<i>Sturnus unicolor</i>				✓		✓	✓	✓
44	Eurasian Golden Oriole	<i>Oriolus oriolus</i>		LO						
45	Italian House Sparrow	<i>Passer italiae</i>		✓	✓	✓	✓	✓	✓	✓
46	Common Chaffinch	<i>Fringilla coelebs</i>		H	✓	H	H	✓	✓	✓
47	European Goldfinch	<i>Carduelis cardulis</i>						✓		
48	European Greenfinch	<i>Chloris chloris</i>			H	H		✓		
49	European Serin	<i>Serinus serinus</i>		H	✓	✓	H	H	✓	✓
50	Cirl Bunting	<i>Emberiza cirlus</i>					LO		✓	
51	Corn Bunting	<i>Miliaria calandra</i>				✓		✓		H
52	Rock Bunting	<i>Emberiza cia</i>					✓		✓	

## Mammals

1	Fallow Deer	<i>Dama dama</i>							✓	
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## Amphibians &amp; Reptiles

1	Moorish Gecko	<i>Tarentola mauritanica</i>		✓	✓					
2	Eastern Green Lizard	<i>Lacerta viridis</i>								✓
3	Italian Wall Lizard	<i>Podarcis sicula</i>		✓	✓	✓	✓			
4	Sicilian Wall Lizard	<i>Podarcis wagleriana</i>					✓			
5	Italian Three-toed Skink	<i>Chalcides chalcides</i>						LO		
7	Southern Smooth Snake	<i>Coronella girondica</i>			✓					

## Butterflies

1	Swallowtail	<i>Papilio machaon</i>				✓	✓			✓
2	Scarce Swallowtail	<i>Iphiclides podalirius</i>							✓	
3	Black-veined White	<i>Aporia crataegi</i>								✓
4	Large White	<i>Pieris brassicae</i>		✓	✓	✓	✓		✓	✓
5	Small White	<i>Artogeia rapae</i>		✓		✓		✓	✓	✓
6	Moroccan Orange Tip	<i>Anthocharis belia</i>		✓						
7	Orange Tip	<i>Anthocharis cardamines</i>			✓	✓	✓	✓	✓	
8	Clouded Yellow	<i>Colias crocea</i>			✓	✓	✓			

	Common name	Scientific name	May								
			1	2	3	4	5	6	7	8	
9	Green Hairstreak	<i>Callophrys rubi</i>		✓						✓	
10	Small Copper	<i>Lycaena phlaeas</i>		LO	✓		✓				
11	Little Blue	<i>Cupido minimus</i>				✓	✓	✓	✓	✓	
12	Green Underside Blue	<i>Glaucopsyche alexis</i>				✓	✓	✓	✓		
13	Brown Argus	<i>Aricia agestis</i>		✓						✓	✓
14	Common Blue	<i>Polyommatus icarus</i>								✓	✓
15	Peacock Butterfly	<i>Inachis io</i>				✓					
16	Red Admiral	<i>Vanessa atalanta</i>				✓					
17	Painted Lady	<i>Vanessa cardui</i>		✓	✓		✓			✓	
18	Small Tortoiseshell	<i>Aglais urticae</i>		✓							
19	Comma Butterfly	<i>Polygonum c-album</i>		✓							
20	Queen of Spain Fritillary	<i>Issoria lathonia</i>		✓							
21	Small Pearl-bordered Fritillary	<i>Clossiana selene</i>		✓							
22	Knapweed Fritillary	<i>Melitaea phoebe</i>					✓				
23	Aetherie Fritillary	<i>Melitaea aetherie</i>									✓
24	Meadow Brown	<i>Maniola jurtina</i>									✓
25	Speckled Wood	<i>Pararge aegeria tircis</i>		✓							
26	Southern Speckled Wood	<i>Pararge aegeria aegeria</i>		✓	✓				✓	✓	✓
27	Wall Brown	<i>Lasiommata megera</i>			✓						
28	Small Heath	<i>Coenonympha pamphilus</i>		✓		✓	✓			✓	✓
29	Grizzled Skipper	<i>Pyrgus malvae</i>				✓				✓	

## Moths

1	Meal Moth	<i>Pyralis farinalis</i>					✓				
2	Least Riband Wave	<i>Idaea rubraria</i>			✓						
3	Dotted Border Wave	<i>Idaea sylvestraria</i>			✓						
4	Riband Wave	<i>Idaea aversata</i>	✓								
5	Lustrous Least Carpet	<i>Idaea filicata</i>		✓							
6	Brown-tail	<i>Euproctis chrysorrhoea</i>					✓				
7	a Tiger Moth	<i>Ammobiota festiva</i>					✓				
8	Cream-spot Tiger	<i>Arctia villica</i>	✓	✓							
9	Nine Spotted Moth	<i>Syntomis phegea</i>								✓	✓
10	The Goldwing (a Noctuid)	<i>Synthymia fixa</i>									✓
11	Lunar Double-stripe	<i>Minucia lunaris</i>								✓	

## Other Taxa

1	Egyptian Grasshopper	<i>Anacridum aegyptium</i>		✓							
2	Froghopper	<i>Cercopis vulnerata</i>				✓	✓				
3	Ascalaphid	<i>Libelloides coccajus</i>				✓	✓	✓			
4	Beefly	<i>Bombylius sp.</i>				✓	✓				
5	Carpenter Bee	<i>Xylocopa violacea</i>			✓		✓	✓	✓		
6	Honey Bee	<i>Apis mellifera</i>					✓	✓			
7	White-tailed Bumblebee	<i>Bombus lucorum</i>		✓	✓		✓	✓	✓		
8	Chafer	<i>Oxythyria funesta</i>				✓				✓	
9	Churchyard Beetle	<i>Blaps mucronata</i>		✓	✓		✓				
10	Fat-thigh Beetle	<i>Oedemera nobilis</i>								✓	✓
11	Musk Beetle	<i>Aromia moschata</i>			✓						
12	Crab Spider	<i>Pistius truncata</i>						✓			

## Some orchids recorded in 2013 on Sicily



*Ophrys lacaitae*



*Ophrys pallida*



*Orchis brancifortii*



*Ophrys oxyrhynchos*

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