

Wild Flowers of Sicily

Naturetrek Tour Report

4 – 11 May 2014



Beaked Ophrys



Fiumefreddo



Peonies



Sicilian Stock in the Madonies

Report and images compiled by Jessica Turner



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Day 1

Sunday 4th May

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

Six group members met Jessica at Gatwick Airport for our early flight to Catania. As we came into land, we were treated to marvellous views of Mount Etna, above the clouds. Having collected our luggage, we loaded up, and soon joined the north-bound A18. We left 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. We ate our picnic in the garden, enjoying the views down to the coast.

When we had settled into our rooms, in the converted winery, we reconvened to explore the grounds of this delightful place. Many ferns were growing from the old lava walls, including Southern Polypody (*Polypodium cambricum*), Rustyback (*Asplenium ceterach*), and Lanceolate Spleenwort (*Asplenium obovatum*). The tracks and margins of the cultivated areas were colourful with such plants as Woad (*Isatis tinctoria subsp. canescens*), Purple Viper's Bugloss (*Echium plantagineum*), Long-headed Clover (*Trifolium incarnatum subsp. molinerii*), *Anchusa cretica* and Narrow-leaved Lupin (*Lupinus angustifolium*). We also found a couple of Toothed Orchids (*Neotinea tridentata*, formerly *Orchis commutata*). The fireworks for the Fiesta of Sant'Alfio drowned out birdsong for a while, but Nightingale was singing from dense cover, along with Blackcap and Sardinian Warbler. It was rather cold for butterflies, but resting Green-Underside Blue was found. We later reconvened to talk about the day and outline future plans, before enjoying an excellent meal and retiring for the night.

Day 2

Monday 5th May

Weather: Some early sun, cloud building, occasional showers; fog and rain later

Today we travelled from sea to mountain, ascending the eastern slopes of Mount Etna. After a good breakfast, we set out to descend to the coast near Cottone, where the Fiumefreddo River enters the sea. Here, early finds included Reversed Clover (*Trifolium resupinatum*), Mallow-leaved Bindweed (*Convolvulus altheoides*), Three-horned Stock (*Matthiola tricuspidata*) and Sea Kale (*Cakile maritima*). Goldfinches were singing, and a Bee-eater flew overhead. We then moved on a short distance inland, to the Fiumefreddo Nature Reserve. Fiumefreddo means 'cold river', and the river carries the snow-melt from Etna. The low water temperature allows a number of different species to thrive which are rare elsewhere in Sicily.

We parked by a wall which bore many plants of Phagnalon (*Phagnalon rupestre*) and Annual Bellflower (*Campanula erinus*), and followed the narrow path down to the reserve. We were immediately struck by the lushness of the vegetation. Giant Reed (*Arundo donax*), White Willow (*Salix alba*) and White Poplar (*Populus alba*) towered above us, but so did Yellow Flag (*Iris pseudacorus*), Stinging Nettles (*Urtica dioica*) and Cretan Thistles (*Cirsium creticum*). Other plants included *Lythrum junceum*, False Fox Sedge (*Carex otrubae*) and Three-cornered Leek (*Allium triquetrum*). One of the specialities of the reserve is Papyrus (*Cyperus papyrus siculus*). Cetti's Warbler and a Nightingale were singing, and Italian Wall Lizards were enjoying the morning sun.

We then started to ascend the slopes of Etna, stopping for lunch above Linguaglossa, in what proved to be a very floristically rich spot. Here we found a form of Green-winged Orchids (*Anacamptis morio* subsp. *picta*), Roman Orchids (*Dactylorhiza romana*) and its endemic variant *Dactylorhiza romana markusii*, which has a shorter spur to the flower. Pink Butterfly Orchids (*Anacamptis papilionacea* var. *grandiflora*), Dense-flowered Orchid (*Neotinea maculata*) and Violet Limodore (*Limodorum arbortivum*) were also found. There were quantities of bright pink Fedia (*Fedia cornucopiae*), and yellow *Biscutella didyma*, and other plants seen included Sand Catchfly (*Silene conica*), and the seed pods of Widow Iris (*Hermodactylis tuberosus*).

Eventually we continued our climb, with our final main stop being Piano Provenzana (1785m) where we saw the 2002/3 lava flow. Here, we found many of the specialised and endemic species which survive in the hostile conditions of the volcano. These included Etna Milk-vetch (*Astragalus siculus*), Etna Tansy (*Tanacetum siculum*), an endemic form of Rock Ragwort (*Senecio squalidus* var. *glaber*), Etna Soapwort (*Saponaria siculus*) and a tiny endemic Knawel (*Schleranthus perennis* subsp. *vulcanicus*). Searching adjacent woodland and scrub, we found Juniper (*Juniperus communis* subsp. *hemisphaerica*), Etna Barberry (*Berberis aetnensis*), the Cinquefoil *Potentilla calabra*, quantities of Etna Pansy (*Viola aetnensis*) in shades from deep purple, through blue to cream, and the tiny *Viola parvula*. A roadside stop was made to enjoy a fine clump of Etna Daisy (*Anthemis aetnensis*), and we also noted the Etna Birch (*Betula aetnensis*) and Etna Greenweed (*Genista aetnensis*) which will be so stunning later in the year, when it flowers. We returned to Sant' Alfio, and had another excellent meal, and retired for the night.

Day 3

Tuesday 6th May

Weather: Clear at first, but cloud building rapidly, fine later

Today we hoped to explore the upper parts the magnificent volcano. The peak was absolutely clear first thing, but cloud came down as we drove up to the Rifugio Sapienza, the starting point for our excursion, and when we arrived we were told that the buses were not running, due to the fog. Instead most of the group explored one of the 2001/2 craters just east of the Rifugio, walking up over relatively fresh ash to reach the cone. We noted the variety of colours of the lava, due to iron, sulphur and other minerals. The only wildlife seen round the crater was a number of Seven-spot Ladybirds, and the swirling cloud made it an atmospheric experience.

After refreshments, we drove down the south-west face towards Nicolosi, soon dropping below the cloud, although sun was at a premium. We pulled off the minor road for our picnic, near lava that was starting to be colonised by the lichen *Stereocaulon vesuvianum*, Etna Sorrel (*Rumex scutatus* forma *aetnensis*) and Red Valerian (*Centranthus ruber*). A Woodlark was singing from a nearby Downy Oak (*Quercus pubescens*) and the continental race of Coal Tit showed well in a Corsican Pine (*Pinus nigra* subsp. *laricio*).

After lunch we explored the flora, noting dead stems of Greater Broomrape (*Orobanche rapum-genistae*) growing on the Etna Broom (*Genista aetnensis*), and the leaves of the Ragwort *Senecio ambiguus*. A little further on, we found several spikes of Elder-flowered Orchid (*Dactylorhiza sambucina*), showing a combination of the magenta and lemon colours. We returned back up past the Rifugio Sapienza, and down towards Zafferana Etnea, stopping at the roadside to see the Wild Pea (*Pisum sativum* subsp. *elatior*), Italian Catchfly (*Silene italica*), and a Scabious (*Knautia integrifolia*).

We then stopped near the Hotel Airone, above Zafferana, to explore an area of coppiced Sweet Chestnut (*Castanea sativa*). The roadside walls held a variety of stonecrops including *Sedum cepaea* and Starry Stonecrop (*Sedum stellatum*), *Micromeria graeca*, and the beautiful blue bellflower *Campanula dichotoma*. In the woodland, some of the Sweet Chestnut boles were extremely wide, attesting to their age, and many were affected by the Oriental Chestnut Gall Wasp, which only reached Sicily in late 2010. Here we found Birthwort (*Aristolochia rotunda*), Bloody Cranesbill (*Geranium sanguineum*), the cream coloured vetch *Vicia hybrida* and the pink and purple vetch *Lathyrus clymenum*. Further up in the wood were many spikes of Roman Orchid (*Dactylorhiza romana*), which were over, and an emerging spike of Violet Limodore (*Limodorum abortivum*). As we walked up the road, we recorded Tassel Hyacinth (*Muscari comosa*) and Honeywort (*Cerintbe major*). We then returned to Sant'Alfio. Along the way we passed several specimens of Manna Ash (*Fraxinus ornus*) and extensive stands of the yellow Thorny Broom (*Calicotome infesta*).

Day 4

Wednesday 7th May

Weather: Fine, warm and sunny with a breeze

Today we moved on to our second destination, in the Madonie Mountains, further west, towards the north coast of the island. The geology of the Madonies is predominantly Carboniferous and Dolomitic limestone, and so provides a very different habitat and flora to that of Mount Etna. Etna was totally clear again this morning, so afforded good photographic opportunities before we set off. We also took the opportunity to visit the 'Castagna dei Centi Cavalli' (Chestnut of a hundred horses), an extremely large, old coppiced Sweet Chestnut on the edge of the village, within which an army is said to have sheltered. Parts of the tree have now rotted, and other sections are propped up, but it is still quite impressive. Nearby were some surprisingly tall spikes of Oriental Bugle (*Ajuga genevensis*).

We then stopped in Sant'Alfio, to shop for the picnic. Serins were singing from tree-tops, and Common Swift and a pair of Common Buzzard were overhead. We dropped down to the A18 towards Catania before turning west on the A19. Along the way, we noted Spotless Starlings, perched on the barriers on the edge of the autostrada, and some beautiful stretches of Blue Stonecrop (*Sedum caeruleum*), a reddish plant with pale blue flowers, and a Sicilian speciality. As we continued westwards, we saw large areas of Italian Sainfoin (*Hedysarum coronarium*), a native plant which is also cultivated as a fodder crop.

After a break near Enna, 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 wild Sweet Pea (*Lathyrus odoratus*), Italian Gladiolus (*Gladiolus italicus*), Yellow Asphodel (*Asphodeline lutea*), and Borage (*Borago officinalis*). A number of beehives were by the meadow, the bees being active over the fields.

We had lunch just above Petralia, on a track by a road bridge. The area was botanically rich, particularly in its orchid flora, with *Anacamptis morio subsp. longicornu*, Provence Orchid (*Orchis provincialis*), Dense-flowered Orchid (*Neotinea maculata*), Dark Ophrys (*Ophrys sphogodes subsp. atrata*), Bertoloni's Bee Orchid (*Ophrys bertoloni*) and Pink Butterfly Orchid (*Anacamptis papilionacea* var. *grandiflora*) being among those found. We also recorded *Bellevalia dubia*, with its blue-brown flowers, and the endemic *Genista cupanii*. It was not far to the hotel, but we continued past, climbing towards Piano Battaglia, and enjoying the late afternoon sun on the mountains. We stopped to look at a rockface, finding the low spiny bushes of Nebrod Milk-vetch (*Astragalus nebrodensis*), Alpine Rockcress (*Arabis alpina subsp. caucasica*) and Aubrieta (*Aubrieta deltoidea*), and Beech (*Fagus sylvatica*) just coming into leaf. We then returned to the Hotel Pomieri, our base for the next four nights.

Day 5

Thursday 8th May

Weather: Fine, warm and sunny.

Today we visited the Vallone Madonna degli Angeli, below Monte San Salvatore. Our main objective was to visit the last remaining site for the very rare Nebrod or Sicilian Fir (*Abies nebrodensis*). About forty or so mature trees remain in the world, although there are a number of seedlings (all carefully tagged and recorded). As we were leaving the hotel, a Rock Bunting flew off, affording views of its grey and black striped head.

Our first stop was in Polizza Generosa, where Jessica shopped for the picnic. Retracing our steps a little, we then parked in an area of Corsican Pine (*Pinus nigra subsp. laricio*), by the gates marking the start of the walk. A small hillock to the right of the path immediately drew our attention, with *Iris pseudopumila* (lemon with purplish falls), and a variety of new orchid species. The *Ophrys* species are quite confusing, as differences between them are slight, and they hybridise readily. While some botanists class them as separate species, there is a move now, with DNA analysis, only to recognise them as at best, subspecies, or only as varietal forms. We found Yellow Bee Orchid (*Ophrys lutea*) and the similar *Ophrys lutea subsp. gallilea* (formerly *Ophrys sicula*). We also found an endemic variant, *Ophrys archimedeae*. A variety of Sombre Bee Orchid (*Ophrys fusca*) types of orchid were seen, including the variants *Ophrys flammeola* and *Ophrys lucifera*, both of which are considered endemic to Sicily. We also found Mirror Orchid (*Ophrys ciliata*) and Brancifort's Orchid (*Orchis brancifortii*). Other plants included Common Rockrose (*Helianthemum nummularium*), a small flowered Rockrose, *H. salicifolium*, *Anemone hortensis*, a small Valerian (*Valeriana tuberosa*), and the orange and white Toadflax (*Linaria reflexa*).

We set off up the path, initially through trees, as the path opened out we saw *Iris pseudopumila* in both colour forms (lemon and purple) and *Ophrys tenthredinifera grandiflora*, a Sicilian form of Sawfly Orchid. As we came to the end of the wooded area, the track began to rise, becoming stonier, and with scree and cliffs to the sides. In this apparently very dry habitat, we found Golden Drops (*Onosma canescens*), Candytuft (*Iberis pruitii*), mauve Sicilian Sad Stock (*Matthiola fruticulosa* var. *sicula*), and the stunning blue flax, *Linum punctatum*. Further up was a spike of *Ophrys exaltata* (now considered an *Ophrys sphogodes* variant) and an endemic Alison, *Alyssum nebrodense*. Where the path divided we took the right hand 'Sentieri Abies', and soon found a specimen tree and several seedlings, although surrounding vegetation made photography quite challenging. Sheila and Hilary walked on further to some more specimens, catching us up on the descent. We had good views of a pair of Crag Martins, and Red-billed Choughs circled over the cliffs above. Several butterfly species were seen, including Painted Lady, Little Blue and Small Copper.

We ate our picnic on the low walls by the start of the walk, before exploring a grassy area a short distance down the road. Here were many more fine orchid specimens, especially Bertoloni's Bee Orchid (*Ophrys bertoloni*). We then drove back up the road, and pulled in by some rocky meadows, noting the sculptural basal leaf rosettes of *Jurinea bocconii* and *Carthamus pinnatus*. The fenced-off plot opposite contained a magnificent display of both colour forms of the *Iris pseudopumila* and many orchids, indicating the effect of grazing on the unfenced meadows. As we moved on, we had excellent views of a pair of Hoopoes. We hoped to have a coffee break at the Refugio, but unfortunately it was closed, although we used the opportunity to have a close look at the white (and one blue) Apennine Anemones (*Anemone apennina*).

We then moved on to the top of Piano Battaglia. This is an area of boulder strewn hillsides, at 1600m asl, with streams leading to a sink hole. We walked through the carpets of Daisies (*Bellis perennis* var. *strobliana*) down to the sink hole and found many spikes of a Yellow Star of Bethlehem (*Gagea foliosa* and *G. fragifera*), and blue Alpine Squill (*Scilla bifolia*), while on the banks were plants of pink *Corydalis solida*, or Bird-in-a-bush, and white Bulbous Saxifrage (*Saxifraga bulbifera*). A large patch of Tazetta Narcissi (*Narcissus tazetta*) was noted on the stream bank. Most of them were over, but a few flower heads remained, showing the petite white flowers with orange trumpets, and including at least one plant of 'flore pleno' (double) flowers, reminding us of garden forms.

On the slopes Mountain Star of Bethlehem (*Ornithogalum montanum*) was coming into flower, and we also found the delicate deep purple Sand Crocus (*Romulea bulbocodium*): Elizabeth's sharp eyes expertly picking out the tiny flowers. Cirl Buntings were singing from bushes of Mediterranean Buckthorn (*Rhamnus alaternus*). As we returned to the hotel, we had to stop on one of the bends, as an extremely large Common Toad (about 18cm long) was slowly crossing the road. This was probably a female, as they tend to be larger than the males, although the Mediterranean form of Common Toad is significantly larger and darker than the northern race. After pausing for photographs, and seeing it safely across, we completed our journey back to the hotel.

Day 6

Friday 9th May

Weather: Some early cloud, 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 Jessica purchased fuel for the bus. Among other plants on the verges, we noted Bellardia (*Bellardia trixago*), Tree Spurge (*Euphorbia dendroides*), and an Oyster Plant (*Scolymus grandiflorus*). The road ahead was closed in preparation for the Targa Florio car rally being held that afternoon, so we had to take a short diversion, before rejoining our planned route. Just after a bend, we saw some large spikes of *Ornithogalum arabicum*, so we pulled in for photos. Growing with it was another Star of Bethlehem, *Ornithogalum narbonense*, Rosy Garlic (*Allium roseum*) and Blue Hound's-tongue (*Cynoglossis creticum*).

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 Blue Convolvulus (*Convolvulus tricolor*) 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 lies below the imposing Rocca Busambra. Our first stop was just outside the village. Here, we found one of our target species, Pale Ophrys (*Ophrys fusca subsp. pallida*), although the spikes were past their best. We also found Tongue Orchid (*Serapias lingua*), Naked Man Orchid (*Orchis italica*), the dark red, velvety Asparagus Pea (*Tetragonolobus purpureus*) and Pink Hawk's-beard (*Crepis rubra*), some specimens, by their flower size and colour, showing hybridisation, probably with the yellow Smooth Hawk's-beard (*Crepis capillaris*). On the verge, further up the road, we found several stands of *Ophrys fuciflora subsp. oxyrrhynchos*, and under a notice board, Bumblebee Orchid (*Ophrys bombyliflora*). A great start to our visit!

We then moved higher up into the wood, looking for Peonies (*Paeonia mascula*), which, sadly, were over. We parked on a wide track for our picnic and, afterwards, explored the wooded hillside. Here we found more Pale Ophrys, some very fresh, Provence Orchid (*Orchis provincialis*), *Anacamptis morio subsp. longicornu*, a variety of Sombre Bee Orchid types (*Ophrys fusca* agg., mainly *Ophrys lucifera*), and more Tongue Orchids (*Serapias lingua*). A patch of the small blue iris, Barbary Nut (*Moraea sisyrhincium*), was a pleasing find as they only flower in the afternoon, as was a solitary late spike of Milky Orchid (*Neotinea lactea*).

Eventually we decided we needed to retrace our steps and, as we drove towards the village, an obliging Hoopoe provided good photo opportunities. The promised 'genuine gelato' hung in the balance as the gelateria was closed, but as we stood outside, the owners appeared and were happy to open up for us. Duly refreshed, we set out on the long journey home. We stopped for a break just off the autostrada. As we enjoyed the views over the mountains, we noticed a group of eight Honey Buzzards, circling in thermals. At our feet were some fine specimens of Pale Bugloss (*Echium italicum*), plus a rather over-friendly puppy, who was delighted to have new friends, but who made photographing plants quite challenging! We then returned to the hotel, where we were surprised to be met by an enormous inflated finishing point, which we discovered was for a cycle race to be held on Sunday.

Day 7

Saturday 10th May

Weather: Fine, warm and sunny

Today our plans had to be changed, as the roads from Piano Battaglia were closed for another stage of the rally. We decided to visit Petralia Soprana, and then to explore some sites between there and the hotel. Before we left, we watched a pair of Spotted Flycatchers, which had taken up residence near the hotel entrance. We drove the now familiar road towards Petralia Sottana, but turned off to climb up towards the upper village. We stopped to explore an area of verge, where we had seen some Pink Butterfly Orchids (*Anacamptis papilionacea*) from the bus. It proved to be a very rich area, with very fresh specimens in abundance. There were also many Plough-share Tongue Orchids (*Serapias vomeracea*), including an achromatic specimen which was very pale green all over. We proceeded up the hill to the village, where we had stunning views across to Mount Etna with its snow-capped peak and ever-present cloud of steam. After shopping and a visit to a local cafe, we retraced our steps, stopping quite near to our transfer day lunch stop. A track led down to a stream, and along the verge were emerging spikes of Lizard Orchids (*Himantoglossum hircinum*), and the bank was covered with Sage-leaved Cistus (*Cistus salvifolius*). Purple Carpenter Bees and Clouded Yellow butterflies were busy, in the warm sun.

Moving on, we then took a small track just west of the Portella di Mandarini. The track quickly became impassable, so we parked up, and explored the woodland and open grassland. Plants here included Roman Orchids (*Dactylorhiza romana*), Bulbous Comfrey (*Symphytum bulbosum*), Pendulous Garlic (*Allium pendulinum*), Dark Grape Hyacinth (*Muscari neglectum*), more Sand Crocus (*Romulea bulbocodium*), Yellow Star of Bethlehem (*Gagea fragifera*), and a specimen of Nebrod Thrift (*Armeria nebrodense*).

We then returned to the hotel for our picnic, which we had on the terrace. Our afternoon outing was just across the road bridge from the hotel, along Footpath 3. The path wound gently through patches of trees and scrub, and we were delighted to find several Peonies (*Paeonia mascula*) in fine flower, which were duly photographed. Some people explored further, while others returned to the hotel for a break. We met again at 4.30 to have a final update with the lists, before going out at 5pm, by which time, we were assured, the roads would be open again. Our target was a site for *Ophrys fuciflora subsp. lacaitae*, which had so far eluded us. We drove round Piano Battaglia, and dropped towards Collesano. The orchids grow by the road, so we pulled in to search, finding several spikes, mainly beyond a fence, which was protecting them from grazing. As we were about to leave, however, a specimen was found just by the minibus (fortunately not squashed!): a grand finale to an excellent week!

Day 8

Sunday 11th May

Weather: Fine, warm and sunny

We had an early start this morning, in order to be at Catania for our morning flight back to Gatwick. As we said our farewells to the Madonies, we had excellent views of the Islands beyond, with the dawn sky. The journey went smoothly and we made good time, returning home with many memories and photos of an enjoyable week.

Naturetrek Facebook

We are delighted to launch the Naturetrek Facebook page so that participants of Naturetrek tours can remain in touch after the holiday and share photos, comments and future travel plans.

Setting up a personal profile at www.facebook.com is quick, free and easy. The [Naturetrek Facebook page](#) is now live; do please pay us a visit!



Etna Daisy on lava

Species Lists

Plants (** = Endemic to Sicily, * = Endemic to Italy and Sicily)

Scientific name	Common name	Location
PTERIDOPHYTES		
FERNS & ALLIES		
Selaginellaceae		
<i>Selaginella denticulata</i>	Lesser Clubmoss Family Mediterranean Clubmoss	Zafferana
Equisetaceae		
<i>Equisetum ramosissimum</i>	Horsetail Family Boston Horsetail	
<i>Equisetum telmateia</i>	Giant Horsetail	Fiumefreddo
Leptosporangiate Ferns		
True Ferns		
Aspleniaceae		
<i>Asplenium adiantum-nigrum</i>	Spleenwort Family Black Spleenwort	Case Perrotta
<i>Asplenium ceterach</i>	Rustyback	Case Perrotta
<i>Asplenium obovatum</i>	Lanceolate Spleenwort	Case Perrotta
<i>Asplenium onopteris</i>	Irish Spleenwort	Above Linguaglossa
<i>Asplenium trichomanes</i>	Maidenhair Spleenwort	Case Perrotta
Athyriaceae		
<i>Athyrium filix-femina</i>	Lady-fern Family Lady-fern	Case Perrotta
Dennstaedtiaceae		
<i>Pteridium aquilinum</i>	Bracken family Bracken	Case Perrotta
Polypodiaceae		
<i>Polypodium cambricum</i>	Polypody Family Southern Polypody	Case Perrotta
Pteridaceae		
<i>Anogramma leptophylla</i>	Ribbon Fern Family Jersey Fern	Zafferana
GYMNOSPERMS		
CONIFERS		
Cupressaceae		
<i>Juniperus communis</i> (ssp. <i>hemisphaericum</i>)	Juniper Family Juniper	Piano Provenzana
<i>Juniperus oxycedrus</i>	Prickly Juniper	Vallone Madonna degli Angeli
Pinaceae		
<i>Abies nebrodensis</i> **	Pine Family Sicilian Fir (Nebro Pine)	Vallone Madonna degli Angeli
<i>Pinus nigra</i> ssp. <i>laricio</i>	Corsican Pine	Piano Provenzana
<i>Pinus pinea</i>	Stone or Umbrella Pine	Roadsides
ANGIOSPERMS		
FLOWERING PLANTS		
Pre-dicots		
Primitive Angiosperms		
Aristolochiaceae		
<i>Aristolochia rotunda</i>	Birthwort Family Birthwort	Above Zafferana

Scientific name	Common name	Location
<i>Eu-dicots</i>	True Dicotyledons	
Acanthaceae	Bear's-breech Family	
<i>Acanthus mollis</i>	Bear's-breech	Fiumefreddo
Adoxaceae	Moschatel Family	
<i>Sambucus ebulus</i>	Dwarf Elder	Fiumefreddo
<i>Sambucus nigra</i>	Elderberry	Roadsides on Etna
Amaranthaceae	Amaranth Family	
<i>Achyranthes aspera</i>	Devil's Horse-whip	Fiumefreddo
Apiaceae	Carrot Family	
<i>Anthriscus nemerosa</i>	A Cow Parsley	Above Zafferana
<i>Apium nodiflorum</i>	Fool's-water-cress	Fiumefreddo
<i>Cachrys ferulacea</i>	-	Castellana Sicula
<i>Conium maculatum</i>	Hemlock	Petralia Soprana
<i>Eryngium campestre</i>	Field Eryngo	Bosco di Ficuzza
<i>Ferula communis</i> subsp. <i>communis</i>	Giant Fennel	Above Linguaglossa
<i>Foeniculum vulgare</i>	Fennel	Case Perrotta (leaves)
<i>Laserpitium siler</i> subsp. <i>garganicum</i>	A Sermountain	Vallone Madonna degli Angeli
<i>Opoponax chironium</i>	Hercules All-heal	Bosco di Ficuzza (leaves)
<i>Scandix pecten-veneris</i>	Shepherd's Needles	N. of Petralia
<i>Smyrnium perfoliatum</i> subsp. <i>rotundifolium</i>	Perfoliate Alexanders	Case Perrotta
<i>Thapsia garganica</i>	Thapsia	Case Perrotta (leaves)
Apocynaceae	Periwinkle Family	
<i>Nerium oleander</i>	Oleander	Roadsides
<i>Vinca major</i>	Greater Periwinkle	Roadsides
Aquifoliaceae	Holly Family	
<i>Ilex aquifolia</i>	Holly	Vallone Madonna degli Angeli
Araliaceae	Ivy Family	
<i>Hedera helix</i>	Ivy	Case Perrotta
Asteraceae	Daisy Family	
<i>Anthemis aetnensis</i> **	Etna Daisy	Piano Provenzana
<i>Anthemis cretica</i> (<i>montana</i>)	-	Vallone Madonna degli Angeli
<i>Anthemis cupaniana</i> **	-	N. of Petralia
<i>Artemisia alba</i>	A Wormwood	Vallone Madonna degli Angeli (Ivs)
<i>Bellis perennis</i> (<i>var. strobiliana</i> **)	Daisy	Widespread
<i>Bellis sylvestris</i>	Southern Daisy	Above Zafferana
<i>Calendula arvensis</i>	Field Marigold	Castellana Sicula
<i>Carduus pycnocephalus</i>	Plymouth Thistle	Castellana Sicula
<i>Carduus macrocephalus</i> (<i>subsp. siculus</i>)	-	N. of Petralia
<i>Carlina nebrodensis</i> **	Nebro Carline Thistle	Vallone Madonna degli Angeli (Ivs)
<i>Carthamus</i> (<i>Carduncellus</i>) <i>caeruleus</i>	Carduncellus	Collesano
<i>Carthamus</i> (<i>Carduncellus</i>) <i>pinnatus</i>	-	Meadows below M. Quacella
<i>Centaurea calcitrapa</i>	Red Star-thistle	Below Petralia Soprana
<i>Centaurea cyanus</i>	Cornflower	N. of Petralia
<i>Cirsium creticum</i>	-	Fiumefreddo

Scientific name	Common name	Location
<i>Cirsium spinosissimum</i>	Spiniest Thistle	Collesano
<i>Crepis capillaris</i>	Smooth Hawk's-beard	N. of Petralia
<i>Crepis rubra</i>	Pink Hawk's-beard	Bosco di Ficuzza
<i>Crepis capillaris x C.rubra</i>	a hybrid Hawk's-beard	Below Petralia Soprana
<i>Dittrichia viscosa</i>	Stink Aster	Fiumefreddo
<i>Doronicum orientale</i>	a Leopard's-bane	Above Zafferana
<i>Filago (Evax) pygmaea</i>	Evax	Meadows below M. Quacella
<i>Galactites tomentosa</i>	Galactites	Case Perrotta
<i>Glebionis coronarium</i>	Crown Daisy	Cottone
<i>Glebionis segetum</i>	Corn Marigold	Fields
<i>Helichrysum nebrodensis**</i>	An Everlasting	Vallone Madonna degli Angeli
<i>Hyoseris radiata</i>	Hyoseris	Fiumefreddo
<i>Hypochaeris glabra</i>	Smooth Cat's-ear	Above Linguaglossa
<i>Hypochaeris radicata</i>	Cat's-ear	Verges
<i>Jurinea bocconii</i>	Jurinea	Meadows below M. Quacella
<i>Lactuca serriola</i>	Prickly Lettuce	Case Perrotta
<i>Onopordum illyricum</i>	-	Castellana Sicula
<i>Phagnalon rupestre</i>	Phagnalon	Fiumefreddo
<i>Picris hieracioides</i>	Hawkweed Ox-tongue	Above Linguaglossa
<i>Scolymus grandiflorus</i>	An Oyster Plant	Collesano
<i>Senecio ambiguous**</i>	A Ragwort	Below Rif. Sapienza
<i>Senecio candidus**</i>	A Ragwort	Vallone Madonna degli Angeli
<i>Senecio squalidus subsp. aethnensis**</i>	A Ragwort	Mid slopes of Mt. Etna
<i>Senecio squalidus subsp. squalidus</i>	Rock Ragwort	Piano Battaglia
<i>Senecio squalidus var. glaber**</i>	A Ragwort	Piano Provenzana
<i>Silybum marianum</i>	Milk Thistle	Case Perrotta
<i>Sonchus asper</i>	Rough Sow Thistle	Fiumefreddo
<i>Sonchus oleraceus</i>	Sow Thistle	Case Perrotta
<i>Tanacetum siculum</i>	Etna Tansy	Piano Provenzana
<i>Tragopogon porrifolius</i>	Salsify	Castellana Sicula
<i>Urospermum dalechampii</i>	Urospermum	Fiumefreddo
<i>Urospermum picroides</i>	-	Fiumefreddo
Berberidaceae	Barberry Family	
<i>Berberis aetnensis</i>	Etna Barberry	Piano Provenzana
Betulaceae	Birch Family	
<i>Betula aetnensis**</i>	Etna Birch	Piano Provenzana
Boraginaceae	Borage Family	
<i>Anchusa azurea</i>	Large Blue Alkanet	Roadsides
<i>Anchusa cretica</i>	-	Case Perrotta
<i>Borago officinalis</i>	Borage	Castellana Sicula
<i>Cerintho majus</i>	Honeywort	Above Zafferana
<i>Cynoglossum creticum</i>	Blue Hound's-tongue	Near Collesano
<i>Echium italicum</i>	Pale Bugloss	Roadsides
<i>Echium plantagineum</i>	Purple Viper's-bugloss	Case Perrotta
<i>Echium vulgare</i>	Viper's Bugloss	Above Zafferana
<i>Myosotis incassata</i>	a Forget-me-not	Piano Provenzana
<i>Myosotis sylvatica</i>		Near Portella di Mandarini
<i>Onosma canescens</i>	Golden Drops	Vallone Madonna degli Angeli
<i>Symphytum bulbosum</i>	Bulbous Comfrey	Near Portella di Mandarini

Scientific name	Common name	Location
Brassicaceae		
Cabbage Family		
<i>Aetheonema saxatile</i>	Burnt Candytuft	Vallone Madonna degli Angeli
<i>Alyssum nebrodense</i> **	An Alyssum	Vallone Madonna degli Angeli
<i>Arabidopsis thaliana</i>	Thale Cress	Above Zafferana
<i>Arabis alpina subsp. caucasica</i>	Alpine Rockcress	Piano Battaglia
<i>Arabis turrita</i>	Tower Cress	Above Zafferana
<i>Arabis verna</i>	Spring Rockcress	Vallone Madonna degli Angeli
<i>Aubrieta deltoidea</i>		Piano Battaglia
<i>Barbarea bracteosa</i>	A Wintercress	Piano Battaglia
<i>Biscutella didyma</i>	A Buckler-mustard	Above Linguaglossa
<i>Cakile maritima</i>	Sea Rocket	Cottone
<i>Capsella bursa-pastoris</i>	Shepherd's-purse	Case Perrotta
<i>Erysimum bonannianum</i> **	A Treacle-mustard	Piano Provenzana
<i>Iberis pruitii</i>	Candytuft	Vallone Madonna degli Angeli
<i>Isatis tinctoria subsp. canescens</i>	Woad	Case Perrotta
<i>Lepidium hirtum subsp. nebrodense</i>	-	Piano Battaglia
<i>Matthiola fruticulosa var. sicula</i> **	Sad Stock	Vallone Madonna degli Angeli
<i>Matthiola tricuspidata</i>	Three-horned Stock	Cottone
<i>Sisymbrium altissimum</i>	Tumbling Mustard	Case Perrotta
Campanulaceae		
Bellflower Family		
<i>Campanula dichotoma</i>	a Bellflower	Above Zafferana
<i>Campanula erinus</i>	Annual Bellflower	Fiumefreddo
Caprifoliaceae		
Honeysuckle Family		
<i>Centranthus ruber</i>	Red Valerian	Roadsides
<i>Fedia cornucopiae</i>	Fedia	Above Linguaglossa
<i>Knautia integrifolia</i>	Scabious	Above Zafferana
<i>Valeriana tuberosa</i>	A Valerian	Vallone Madonna degli Angeli
Caryophyllaceae		
Pink Family		
<i>Arenaria grandiflora subsp. grandiflora</i>	Large-flowered Sandwort	Vallone Madonna degli Angeli
<i>Cerastium tomentosum</i>	Snow-in-Summer	Piano Battaglia
<i>Minuartia verna</i>	Spring Sandwort	Meadows below M. Quacella
<i>Petrorhagia dubia (velutina)</i>	A Childing Pink	Case Perrotta
<i>Scleranthus aetnensis</i> **	a Knawel	Piano Provenzana
<i>Scleranthus perennis subsp. vulcanicus</i> **	a Perennial Knawel	Piano Provenzana
<i>Silene conica</i>	Sand Catchfly	Above Linguaglossa
<i>Silene fuscata</i>	A Catchfly	Castellana Sicula
<i>Silene gallica</i>	Small-flowered Catchfly	Case Perrotta
<i>Silene italica</i>	Italian Catchfly	Above Zafferana
<i>Silene latifolia</i>	White Campion	Case Perrotta
<i>Silene vulgaris</i>	Bladder campion	Case Perrotta
<i>Stellaria media</i>	Common Chickweed	Case Perrotta
<i>Stellaria neglecta</i>	Greater Chickweed	Near Portella di Mandarin
Cistaceae		
Rockrose Family		
<i>Cistus monspeliensis</i>	Narrow-leaved Cistus	Roadsides
<i>Cistus salvifolius</i>	Sage-leaved Cistus	N. of Petralia
<i>Helianthemum nummularium</i>	Rockrose	Piano Battaglia
<i>Helianthemum oelandicum subsp. canum</i>	Hoary Rockrose	Vallone Madonna degli Angeli

Scientific name	Common name	Location
<i>Helianthemum salicifolium</i>	A Rockrose	Vallone Madonna degli Angeli
Convolvulaceae	Bindweed Family	
<i>Calystegia silvatica</i>	Large Bindweed	Case Perrotta
<i>Convolvulus althaeoides</i>	Mallow-leaved Bindweed	Cottone
<i>Convolvulus elegantissimus</i>	-	Catania
<i>Convolvulus tricolor</i>	-	Roadsides
<i>Cuscuta epithymum</i>	Common Dodder	Vallone Madonna degli Angeli
Crassulaceae	Stonecrop Family	
<i>Sedum aetnense**</i>	Etna Stonecrop	Piano Provenzana
<i>Sedum caeruleum</i>	Blue stonecrop	Roadsides
<i>Sedum cepaea</i>	A Stonecrop	Above Zafferana
<i>Sedum dasyphyllum</i>	Fat-leaved Stonecrop	Piano Battaglia
<i>Sedum forsterianum</i>	Rock Stonecrop	Vallone Madonna degli Angeli
<i>Sedum ochroleucum</i>	Pale Stonecrop	Vallone Madonna degli Angeli
<i>Sedum rubens</i>	Red Stonecrop	Below Rif. Sapienza
<i>Sedum stellatum</i>	Starry Stonecrop	Case Perrotta
<i>Umbilicus rupestris</i>	Wall Pennywort	Case Perrotta
Ericaceae	Heather Family	
<i>Arbutus unedo</i>	Strawberry Tree	Case Perrotta
Euphorbiaceae	Spurge Family	
<i>Euphorbia characias</i> subsp. <i>characias</i>	Large Mediterranean Spurge	Roadsides
<i>Euphorbia dendroides</i>	Tree Spurge	Collesano
<i>Euphorbia helioscopia</i>	Sun Spurge	N. of Petralia
<i>Euphorbia lathyris</i>	Caper Spurge	Case Perrotta
<i>Euphorbia rigida</i>	Narrow-leaved Glaucous Spurge	N. of Petralia
<i>Mercurialis annuus</i>	Annual Mercury	Case Perrotta
<i>Ricinus communis</i>	Castor Oil Plant	Fiumefreddo
Fabaceae	Pea Family	
<i>Anthyllis vulneraria</i>	Kidney Vetch	Piano Battaglia
<i>Astragalus depressus</i>	Sprawling Milk Vetch	Piano Battaglia
<i>Astragalus hamosus</i>	-	Castellana Sicula
<i>Astragalus nebrodensis**</i>	-	Piano Battaglia
<i>Astragalus siculus**</i>	-	Piano Provenzana
<i>Bitumaria bituminosa</i>	Pitch Trefoil	Cottone
<i>Calycotome infesta</i>	Thorny Broom	Above Zafferana
<i>Coronilla valentina</i>	Scorpion-vetch	Vallone Madonna degli Angeli
<i>Cytisus villosus</i>	Hairy Broom	Above Linguaglossa
<i>Genista aetnensis**</i>	Etna Broom	Slopes of Etna
<i>Genista cupanii**</i>	an endemic Greenweed	N. of Petralia
<i>Hedysarum coronarium</i>	Italian Sainfoin	Castellana Sicula
<i>Lathyrus anuus</i>	-	Fiumefreddo
<i>Lathyrus aphaca</i>	Yellow Vetchling	Fiumefreddo
<i>Lathyrus clymenum</i>	-	Case Perrotta
<i>Lathyrus hirsutus</i>	Hairy Vetchling	Fiumefreddo
<i>Lathyrus ochrus</i>	Cyprus Pea	Fiumefreddo
<i>Lathyrus odoratus**</i>	Sweet Pea	Castellana Sicula
<i>Lathyrus setifolius</i>	-	Case Perrotta

Scientific name	Common name	Location
<i>Lupinus angustifolius</i>	Narrow-leaved Lupin	Case Perrotta
<i>Lupinus varius</i>	-	N. of Petralia
<i>Medicago arabica</i>	Spotted Medick	Case Perrotta
<i>Medicago lupulina</i>	Black Medick	Piano Battaglia
<i>Medicago orbicularis</i>	Disc Medick	Fiumefreddo
<i>Medicago polymorpha</i>	Toothed Medick	Case Perrotta
<i>Melilotus indicus</i>	Small Melilot	Cottone
<i>Melilotus italicus</i>	a Melilot	Castellana Sicula
<i>Ornithopus compressus</i>	Compressed Bird's-foot	Above Linguaglossa
<i>Pisum sativum subsp. elatius</i>	Wild Pea	Above Zafferana
<i>Robinia pseudoacacia</i>	False Acacia	Collesano
<i>Scorpiarius muricatus</i>	Scorpion Vetch	Collesano
<i>Spartium junceum</i>	Spanish Broom	Roadsides
<i>Tetragonolobus purpureus</i>	Asparagus Pea	Bosco di Ficuzza
<i>Trifolium arvense</i>	Hare's-foot Clover	N. of Petralia
<i>Trifolium campestre</i>	Hop Trefoil	Above Zafferana
<i>Trifolium cherleri</i>	-	N. of Petralia
<i>Trifolium fragiferum</i>	Strawberry Clover	Castellana Sicula
<i>Trifolium hybridum</i>	Alsike Clover	Above Zafferana
<i>Trifolium incarnatum subsp. molinieri</i>	-	Case Perrotta
<i>Trifolium repens</i>	White Clover	Case Perrotta
<i>Trifolium resupinatum</i>	Reversed Clover	Cottone
<i>Trifolium stellatum</i>	Starry Clover	Above Zafferana
<i>Trifolium subterraneum</i>	Burrowing Clover	Case Perrotta
<i>Trifolium tomentosum</i>	Woolly Trefoil	N. of Petralia
<i>Vicia hybrida</i>	Hairy Yellow Vetch	Above Zafferana
<i>Vicia lathyroides</i>	-	Below Rif. Sapienza
<i>Vicia lutea</i>	Yellow Vetch	Fiumefreddo
<i>Vicia melanops</i>	Yellow and Black Pea	Above Zafferana
<i>Vicia villosa subsp. ambigua</i>	Fodder Vetch (pale)	Above Linguaglossa
Fagaceae	Beech Family	
<i>Castanea sativa</i>	Sweet Chestnut	Case Perrotta
<i>Fagus sylvatica</i>	Beech	Piano Provenzana
<i>Quercus cerris</i>	Turkey Oak	Above Linguaglossa
<i>Quercus ilex</i>	Holly Oak	Above Linguaglossa
<i>Quercus pubescens</i>	Downy Oak	Case Perrotta
Geraniaceae	Geranium Family	
<i>Erodium chium</i>	-	Sant' Alfio
<i>Erodium cicutarium</i>	Common Stork's-bill	Case Perrotta
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	N. of Petralia
<i>Geranium lucidum</i>	Shining Crane's-bill	Case Perrotta
<i>Geranium molle</i>	Dove's-foot Crane's-bill	Case Perrotta
<i>Geranium purpureum</i>	Little Robin	Case Perrotta
<i>Geranium pyrenaicum</i>	Hedgerow Crane's-bill	Piano Battaglia
<i>Geranium sanguineum</i>	Bloody Crane's-bill	Above Zafferana
Lamiaceae	Dead-nettle Family	
<i>Acinos alpina subsp. meridionalis</i>	Alpine Basil Thyme	Below Rif. Sapienza
<i>Ajuga orientalis</i>	Oriental Bugle	Sant' Alfio
<i>Lamium garganicum</i>	Large Red Deadnettle	Sant' Alfio

Scientific name	Common name	Location
<i>Mentha aquatica</i>	Water Mint	Fiumefreddo
<i>Mentha pulegium</i>	Pennyroyal	Case Perrotta
<i>Micromeria graeca (M. consentina*)</i>	-	Above Zafferana
<i>Origanum vulgare</i>	Marjoram	Case Perrotta
<i>Salvia verbenaca</i>	Wild Clary	Case Perrotta
<i>Thymus capitatus</i>	A Thyme	N. of Petralia
Linaceae	Flax Family	
<i>Linum bienne</i>	Biennial Flax	N. of Petralia
<i>Linum punctatum</i>	A Flax	Vallone Madonna degli Angeli
Lythraceae	Loosestrife Family	
<i>Lythrum junceum</i>	-	Fiumefreddo
Malvaceae	Mallow Family	
<i>Lavatera arborea</i>	Tree Mallow	Roadsides
<i>Malva pusilla</i>	Least Mallow	Piano Battaglia
<i>Malva sylvestris</i>	Common Mallow	Case Perrotta
Moraceae	Mulberry Family	
<i>Ficus carica</i>	Fig	Case Perrotta
Oleaceae	Olive Family	
<i>Fraxinus angustifolia</i>	Narrow-leaved Ash	Bosco di Ficuzza
<i>Fraxinus excelsior</i>	Ash	Vallone Madonna degli Angeli
<i>Fraxinus ornus</i>	Flowering Ash	Case Perrotta
<i>Olea europaea</i>	Olive	Case Perrotta
Orobanchaceae	Broomrape Family	
<i>Bellardia trixago</i>	Bellardia	Collesano
<i>Odontites bocconii**</i>	A perennial Bartsia	Vallone Madonna degli Angeli
<i>Orobanche crenata</i>	Bean Broomrape	N. of Petralia
<i>Orobanche gracilis</i>	Slender Broomrape	N. of Petralia
<i>Orobanche minor</i>	Common Broomrape	Case Perrotta
<i>Orobanche ramosa</i>	Branched Broomrape	Bosco di Ficuzza
<i>Orobanche rapum-genistae</i>	Greater Broomrape	Below Rif. Sapienza (old spikes)
<i>Orobanche variegata</i>	A Broomrape	Bosco di Ficuzza
<i>Parentucellia latifolia</i>	Southern Red Bartsia	N. of Petralia
<i>Parentucellia viscosa</i>	Yellow Bartsia	Above Zafferana
Oxalidaceae	Wood-sorrel Family	
<i>Oxalis corniculata</i>	Procumbent Yellow Sorrel	Sant' Alfio
<i>Oxalis pres-caprae</i>	Bermuda Buttercup	Case Perrotta
Paeoniaceae	Peony Family	
<i>Paeonia mascula (White)</i>	Peony	Piano Pomieri
Papaveraceae	Poppy Family	
<i>Corydalis solida</i>	Bird-in-a-bush	Piano Battaglia
<i>Fumaria capreolata</i>	White Ramping Fumitory	Case Perrotta
<i>Fumaria officinalis</i>	Common Fumitory	Case Perrotta
<i>Papaver dubium subsp. dubium</i>	Long-headed Poppy	Vallone Madonna degli Angeli
<i>Papaver rhoeas</i>	Common Poppy	Cottone

Scientific name	Common name	Location
Plantaginaceae	Plantain Family	
<i>Antirrhinum siculus</i>	a Snapdragon	Sant' Alfio
<i>Linaria heterophylla</i>	A Toadflax	Above Linguaglossa
<i>Linaria purpurea</i>	Purple Toadflax	Case Perrotta (leaves)
<i>Linaria reflexa</i>	a Toadflax	Castellana Sicula
<i>Linaria simplex</i>	a Toadflax	Piano Battaglia
<i>Misopates orontium</i>	Weasel-snout	Castellana Sicula
<i>Plantago coronopus</i>	Stag's-horn Plantain	N. of Petralia
<i>Plantago cupani</i>	A Plantain (pinnatisect leaves)	N. of Petralia
<i>Plantago lagopus</i>	Hare's-tail Plantain	Cottone
<i>Plantago lanceolata</i>	Ribwort Plantain	Case Perrotta
<i>Plantago major</i>	Greater Plantain	Case Perrotta
<i>Plantago serraria</i>	A Plantain (toothed leaves)	N. of Petralia
<i>Veronica anagallis-aquatica</i>	Water Speedwell	Fiumefreddo
<i>Veronica beccabunga</i>	Brooklime	Cottone
<i>Veronica persica</i>	Common Field Speedwell	Fiumefreddo
Plumbaginaceae	Thrift Family	
<i>Armeria canescens</i> subsp. <i>nebrodensis</i>	Nebro Thrift	Near Portella di Mandarini
Polygonaceae	Dock Family	
<i>Persicaria hydropiper</i>	Waterpepper	Fiumefreddo
<i>Rumex acetosa</i>	Sorrel	N. of Petralia
<i>Rumex acetosella</i>	Sheep Sorrel	Piano Provenzana
<i>Rumex bucephaliflorus</i>	Horned Dock	Case Perrotta
<i>Rumex conglomeratus</i>	Clustered Dock	Case Perrotta
<i>Rumex scutatus</i>	French Sorrel	Vallone Madonna degli Angeli
<i>Rumex scutatus</i> forma <i>aetnensis</i> **	Etna Sorrel	Piano Provenzana
Primulaceae	Primrose Family	
<i>Anagallis arvensis</i> (Blue)	Scarlet Pimpernel	Cottone
<i>Anagallis arvensis</i> (Red)	Scarlet Pimpernel	Cottone
<i>Cyclamen hederifolium</i>	-	Case Perrotta
<i>Cyclamen repandum</i>	Spring Sowbread	N. of Petralia
<i>Primula vulgaris</i>	Primrose	Piano Pomieri
<i>Samolus valerandi</i>	Brookweed	Fiumefreddo
Ranunculaceae	Buttercup Family	
<i>Anemone apennina</i>	Blue Anemone	Piano Battaglia
<i>Anemone hortensis</i>	An Anemone	N. of Petralia
<i>Clematis vitalba</i>	Traveller's Joy	Case Perrotta
<i>Ficaria verna</i> agg.	Lesser Celandine	Piano Battaglia
<i>Ranunculus arvensis</i>	Corn Buttercup	Castellana Sicula
<i>Ranunculus bulbosus</i>	Bulbous Buttercup	N. of Petralia
<i>Ranunculus macrophyllus</i>	-	Near Portella di Mandarini
<i>Ranunculus millefoliatus</i>	Million-leaved Buttercup	Above Linguaglossa
<i>Thalictrum aquilegifolium</i>	Great Meadow-rue	N. of Petralia (leaves)
Resedaceae	Mignonette Family	
<i>Reseda alba</i>	White Mignonette	Case Perrotta

Scientific name	Common name	Location
Rhamnaceae <i>Rhamnus alaternus</i>	Buckthorn Family Mediterranean Buckthorn	Piano Battaglia
Rosaceae <i>Amelanchier ovalis</i> <i>Crataegus orientalis</i> (C. laciniata) <i>Crataegus monogyna</i> <i>Potentilla calabra</i> <i>Potentilla reptans</i> <i>Prunus dulcis</i> <i>Pyrus amygdaliformis</i> <i>Rosa canina</i> agg <i>Rubus fruticosus</i> agg <i>Sanguisorba minor</i>	Rose Family Juneberry A Hawthorn Hawthorn A Cinquefoil Creeping Cinquefoil Almond Almond-leaved Pear Dog Rose Bramble Salad Burnet	Vallone Madonna degli Angeli N. of Petralia Roadsides Piano Provenzana Case Perrotta Planted N. of Petralia Piano Provenzana Case Perrotta Case Perrotta
Rubiaceae <i>Galium aparine</i> <i>Rubia peregrina</i> <i>Sherardia arvensis</i>	Bedstraw Family Cleavers Madder Field Madder	Case Perrotta Case Perrotta Case Perrotta
Salicaceae <i>Populus alba</i> <i>Salix alba</i>	Willow Family White Poplar White Willow	Case Perrotta Fiumefreddo
Santalaceae <i>Viscum album</i> subsp. <i>album</i>	Sandalwood Family Mistletoe	Piano Battaglia
Sapindaceae <i>Acer campestre</i> <i>Acer monspessulanum</i> <i>Acer obtusatum</i> <i>Acer platanoides</i>	Maple Family Field Maple Montpelier Maple A Maple Norway Maple	Vallone Madonna degli Angeli Piano Pomieri Above Zafferana Above Zafferana
Saxifragaceae <i>Saxifraga bulbifera</i> <i>Saxifraga carpetana</i> <i>Saxifraga granulata</i> <i>Saxifraga tridactylites</i>	Saxifrage Family Bulbous Saxifrage Meadow Saxifrage Rue-leaved Saxifrage	Vallone Madonna degli Angeli N. of Petralia Meadows below M. Quacella
Scrophulariaceae <i>Scrophularia canina</i> <i>Verbascum thapsus</i>	Figwort Family French Figwort Great Mullein	Fiumefreddo Above Linguaglossa
Simaroubaceae <i>Ailanthus altissima</i>	Tree of Heaven family Tree of Heaven	Roadsides
Solanaceae <i>Solanum nigrum</i>	Nightshade Family Black Nightshade	Fiumefreddo
Urticaceae <i>Parietaria judacea</i> <i>Urtica dioica</i>	Nettle Family Pelitory-of-the-Wall Nettle	Case Perrotta Case Perrotta

Scientific name	Common name	Location
<i>Urtica membranacea</i>	Mediterranean Nettle	Fiumefreddo
Thymelaeaceae <i>Daphne laureola</i>	Daphne Family Spurge Laurel	Above Linguaglossa
Verbenaceae <i>Lantana camara</i>	Verbena Family Lantana	Roadsides (planted)
Violaceae <i>Viola aethnensis</i> ** <i>Viola parvula</i> <i>Viola riviniana</i>	Violet Family Etna Violet - Common Dog Violet	Piano Provenzana Piano Provenzana Piano Pomieri
Monocots	Monocotyledons	
Amaryllidaceae <i>Allium ampeloprasum</i> <i>Allium neapolitanum</i> <i>Allium nigrum</i> <i>Allium pendulinum</i> <i>Allium roseum</i> <i>Allium subhirsutum</i> <i>Allium triquetrum</i> <i>Narcissus tazetta</i>	Daffodil Family Wild Leek Naples Garlic - Pendulous Garlic Rosy Garlic Hairy Garlic Three-cornered Leek A Daffodil	Collesano Above Zafferana Castellana Sicula Near Portella di Mandarini Castellana Sicula Bosco di Ficuzza Fiumefreddo Piano Battaglia
Araceae <i>Arum italicum subsp. neglectum</i>	Lords and Ladies Family Large Cuckoo Pint (plain leaves)	Piano Battaglia
Asparagaceae <i>Agave americana</i> <i>Agave sisalana</i> <i>Asparagus acutifolius</i> <i>Bellevalia dubia</i> <i>Bellevalia romana</i> <i>Muscari comosum</i> <i>Muscari neglectum</i> <i>Ornithogalum angustifolium</i> <i>Ornithogalum arabicum</i> <i>Ornithogalum montanum</i> <i>Ornithogalum narbonense</i> <i>Ruscus aculeatus</i> <i>Scilla bifolia</i>	Asparagus Family Agave or Century Plant Sisal Prickly Asparagus - - Tassel Hyacinth Grape Hyacinth A Star of Bethlehem Mountain Star of Bethlehem A Star of Bethlehem Butcher's-broom Alpine Squill	Planted Planted N. of Petralia N. of Petralia Piano Provenzana Case Perrotta Piano Provenzana N. of Petralia Collesano N. of Petralia Collesano Vallone Madonna degli Angeli Piano Battaglia
Cyperaceae <i>Carex flacca</i> <i>Carex otrubae</i> <i>Cyperus papyrus (subsp. siculus**)</i>	Sedge Family Glaucous Sedge False Fox Sedge Papyrus	Below Petralia Soprana Fiumefreddo Fiumefreddo
Dioscoreaceae <i>Tamus communis</i>	Black Bryony Family Black Bryony	Fiumefreddo
Iridaceae <i>Gladiolus italicus</i>	Iris Family Italian Gladiolus	Castellana Sicula

Scientific name	Common name	Location
<i>Hermodactylus tuberosus</i>	Snake's-head Iris	Above Linguaglossa (over)
<i>Iris pseudacorus</i>	Yellow Flag	Fiumefreddo
<i>Iris pseudopumila</i> (Purple form)	An Iris	Vallone Madonna degli Angeli
<i>Iris pseudopumila</i> (Yellow two-tone form)	An Iris	Vallone Madonna degli Angeli
<i>Moraea sisyrinchium</i>	Barbary Nut	Bosco di Ficuzza
<i>Romulea bulbocodium</i>	a Romulea	Piano Battaglia

Juncaceae*Luzula forsteri***Rush Family**

Southern Woodrush

Above Zafferana

Liliaceae*Gagea foliosa**Gagea fragifera* (*G. fistulosa*)**Lily Family**

A Yellow Star of Bethlehem

A Yellow Star of Bethlehem

Piano Battaglia

Piano Battaglia

Orchidaceae**Orchid Family**

Note: The Orchidaceae are an evolving group, and subject to debate between 'splitters' (eg. Delforge) and 'lumpers' (eg Kew). This list follows the Kew classification.

<i>Anacamptis laxiflora</i>	Lax-flowered Orchid	Above Linguaglossa
<i>Anacamptis morio</i> subsp. <i>morio</i>	Green-winged Orchid	Above Linguaglossa
<i>Anacamptis morio</i> subsp. <i>longicornu</i>	-	N. of Petralia
<i>Anacamptis morio</i> subsp. <i>picta</i>	a Green-winged Orchid	Above Linguaglossa
<i>Anacamptis papilionacea</i> (var. <i>grandiflora</i>)	Pink Butterfly Orchis	Above Linguaglossa
<i>Dactylorhiza romana</i> subsp. <i>romana</i>	Roman Orchid	Above Linguaglossa
<i>Dactylorhiza romana</i> (formerly <i>markusii</i>)	A Roman Orchid	Above Linguaglossa
<i>Dactylorhiza sambucina</i>	Elder-flowered Orchid	Below Rif. Sapienza
<i>Himantoglossum hircinum</i>	Lizard Orchid	N. of Petralia (leaves)
<i>Limodora abortivum</i>	Violet Bird's-nest Orchid	Cottone
<i>Neotinea lactea</i>	Milky Orchid	Bosco di Ficuzza
<i>Neotinea maculata</i>	Dense-flowered Orchid	Above Linguaglossa
<i>Neotinea tridentata</i>	Toothed Orchid	Case Perrotta
<i>Ophrys bertolonii</i>	Bertoloni's Bee Orchid	N. of Petralia
<i>Ophrys bombyliflora</i>	Bumblebee Orchid	Bosco di Ficuzza
<i>Ophrys fuciflora</i> subsp. <i>lacaiteae</i>	Lacaite's Ophrys	Below Montaspro
<i>Ophrys fuciflora</i> subsp. <i>oxyrrhynchos</i>	Beaked Ophrys	Bosco di Ficuzza
<i>Ophrys fusca</i> agg	Sombre Bee Orchid	Vallone Madonna degli Angeli
<i>Ophrys fusca</i> subsp. <i>fusca</i> (<i>flammeola</i>)**	a Sombre Bee Orchid	Vallone Madonna degli Angeli
<i>Ophrys fusca</i> subsp. <i>fusca</i> (<i>lucifera</i>)	a Sombre Bee Orchid	Vallone Madonna degli Angeli
<i>Ophrys fusca</i> subsp. <i>pallida</i>	Pale Ophrys	Bosco di Ficuzza
<i>Ophrys lutea</i> subsp. <i>galilea</i> (formerly <i>sicula</i>)	-	Vallone Madonna degli Angeli
<i>O. lutea</i> subsp. <i>galilea</i> (formerly <i>archimedeae</i>)**	-	Vallone Madonna degli Angeli
<i>Ophrys lutea</i> subsp. <i>lutea</i>	Yellow Bee Orchid	N. of Petralia
<i>Ophrys speculum</i> subsp. <i>speculum</i>	Mirror Orchid	Vallone Madonna degli Angeli
<i>Ophrys sphegodes</i> (formerly <i>exaltata</i>)*	A Late Spider Orchid	Vallone Madonna degli Angeli
<i>Ophrys sphegodes</i> subsp. <i>atrata</i> (<i>incubacea</i>)	Dark Ophrys	N. of Petralia
<i>Ophrys tenthredinifera</i> (formerly <i>grandiflora</i>)**	a Sawfly 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

Scientific name	Common name	Location
<i>Orchis italica</i>	Naked Man Orchid	Vallone Madonna degli Angeli
<i>Orchis provincialis</i>	Provence Orchid	N. of Petralia
<i>Serapias lingua</i>	Tongue Orchid	Bosco di Ficuzza
<i>Serapias vomeracea</i>	Plough-share Tongue Orchid	Below Petralia Soprana
Poaceae		
<i>Aira caryophylla</i>	Silver Hair-grass	Below Rif. Sapienza
<i>Ampelodesmos mauritanicus</i>	Mauritanian Grass	Vallone Madonna degli Angeli
<i>Anisantha sterilis</i>	Barren Brome	Case Perrotta
<i>Anisantha tectorum</i>	Droping Brome	Above Linguaglossa
<i>Anthoxanthum odorata</i>	Sweet Vernal Grass	Above Linguaglossa
<i>Arundo donax</i>	Giant Reed	Fiumefreddo
<i>Avena sterilis</i>	Winter Wild-oat	Case Perrotta
<i>Briza media</i>	Quaking-grass	Above Zafferana
<i>Festuca vivipara</i>	Viviporous Fescue	Above Linguaglossa
<i>Hordeum murinum</i>	Wall Barley	Case Perrotta
<i>Lagurus ovatus</i>	Hare's-tail Grass	Case Perrotta
<i>Lolium perenne</i>	Perennial Rye-grass	Roadsides
<i>Phragmites australis</i>	Common Reed	Cottone
<i>Poa bulbosa</i>	Bulbous Meadow-grass	Case Perrotta
<i>Poa violacea subsp. aetnensis**</i>	-	Piano Provenzana
<i>Sesleria nitida</i>	-	Vallone Madonna degli Angeli
Sparganiaceae		
<i>Sparganium erectum</i>	Branched Bur-reed	Fiumefreddo
Xanthorrhoeaceae		
<i>Asphodeline lutea</i>	Yellow Asphodel	Below Rif. Sapienza
<i>Asphodelus aestivus</i>	Common Asphodel	Above Linguaglossa

FUNGI**Lecanoromycetes***Stereocaulon vesuvianum***LICHENS**

Mount Vesuvius Lichen

Below Rif. Sapienza

Basidiomycota

Schizophyllum commune

Split Gill (white, shaggy bracket fungus)

Fiumefreddo

Birds (✓ = recorded but not counted; H = Heard only)

	Common name	Scientific name	May						
			4	5	6	7	8	9	10
1	Common Buzzard	<i>Buteo buteo</i>				4			
2	Honey Buzzard	<i>Pernis apivorus</i>						8	
3	Common Kestrel	<i>Falco tinnunculus</i>		✓					
4	Common Moorhen	<i>Gallinula chloropus</i>		✓					
5	Rock Dove / Feral Pigeon	<i>Columba livia (domest.)</i>	✓	✓	✓	✓	✓	✓	✓
6	Common Wood Pigeon	<i>Columba palumbus</i>		✓	✓	✓	✓	✓	✓
7	Eurasian Collared Dove	<i>Streptopelia decaocto</i>						✓	
8	European Turtle Dove	<i>Streptopelia turtur</i>		H					
9	Common Cuckoo	<i>Cuculus canorus</i>	H	H	H	H	H	H	H
10	Eurasian Scops Owl	<i>Otus scops</i>	H	H	H				
11	Common Swift	<i>Apus apus</i>		✓	✓	✓	✓	✓	✓
12	Eurasian Hoopoe	<i>Upupa epops</i>		✓	✓		✓	✓	✓

	Common name	Scientific name	May						
			4	5	6	7	8	9	10
13	European Bee-eater	<i>Merops apiaster</i>		1		L9			
14	Crested Lark	<i>Galerida cristata</i>				✓			
15	Woodlark	<i>Lullula arborea</i>			H				
16	Crag Martin	<i>Ptyonoprogne rupestris</i>				✓	✓		✓
17	Barn Swallow	<i>Hirundo rustica</i>		✓		✓	✓	✓	✓
18	Tree Pipit	<i>Anthus trivialis</i>		✓	H		H	H	
19	White Wagtail	<i>Motacilla alba</i>		✓					✓
20	European Robin	<i>Erithacus rubecula</i>			✓			✓	✓
21	Common Nightingale	<i>Luscinia megarhynchos</i>	H	H	H	H		H	H
22	Northern Wheatear	<i>Oenanthe oenanthe</i>		✓					
23	Common Stonechat	<i>Saxicola torquata</i>			✓			✓	
24	Common Blackbird	<i>Turdus merula</i>		✓		✓	H	✓	✓
25	Blackcap	<i>Sylvia atricapilla</i>	H	H	H	H	H		✓
26	Sardinian Warbler	<i>Sylvia melanocephala</i>	✓	✓					
27	Subalpine Warbler	<i>Sylvia cantillans</i>						H	H
28	Cetti's Warbler	<i>Cettia cetti</i>	H	H					
29	Common Chiffchaff	<i>Phylloscopus collybita</i>		H	H	H	H	H	
30	Spotted Flycatcher	<i>Muscicapa striata</i>					L	✓	✓
31	Great Tit	<i>Parus major</i>	✓	✓	✓	✓	✓	✓	✓
32	Coal Tit	<i>Pariparus ater</i>			✓				
33	European Blue Tit	<i>Cyanistes caeruleus</i>		✓				✓	✓
34	Long-tailed Tit	<i>Aegithalos caudatus sicalus</i>				✓		✓	
35	Common Magpie	<i>Pica pica</i>	✓	✓	✓	✓	✓	✓	✓
36	Eurasian Jay	<i>Garrulus glandarius</i>	✓	✓	✓	✓	✓	✓	✓
37	Western Jackdaw	<i>Corvus monedula</i>				✓		✓	
38	Red-billed Chough	<i>Pyrrhocorax pyrrhocorax</i>					✓		
39	Hooded Crow	<i>Corvus cornix</i>	✓	✓	✓	✓	✓	✓	✓
40	Common Raven	<i>Corvus corax</i>				✓			✓
41	Spotless Starling	<i>Sturnus unicolor</i>				✓		✓	✓
42	Golden Oriole	<i>Oriolus oriolus</i>		H					
43	Italian House sparrow	<i>Passer italiae</i>	✓	✓	✓	✓	✓	✓	✓
44	Spanish Sparrow	<i>Passer hispaniolensis</i>			✓				
45	Common Chaffinch	<i>Fringilla coelebs</i>		✓	✓	✓	✓	✓	✓
46	Common Linnet	<i>Carduelis cannabina</i>		✓	✓				
47	European Goldfinch	<i>Carduelis carduelis</i>	✓	✓		✓		✓	✓
48	European Serin	<i>Serinus serinus</i>			✓	✓			
49	Cirl Bunting	<i>Emberiza cirlus</i>				H	✓	✓	H
50	Corn Bunting	<i>Miliaria calandra</i>				✓		✓	✓
51	Rock Bunting	<i>Emberiza cia</i>			H		✓		

Butterflies

1	Scarce Swallowtail	<i>Iphiclides podalirius</i>				✓		✓	✓
2	Small White	<i>Artogeia rapae</i>		✓			✓	✓	✓
3	Orange Tip	<i>Anthocharis cardamines</i>				✓	✓	✓	✓
4	Moroccan Orange Tip	<i>Anthocharis belia</i>		✓					
5	Clouded Yellow	<i>Colias crocea</i>				✓	✓	✓	✓
6	Brimstone	<i>Gonepteryx rhamni</i>					✓		
7	Green Hairstreak	<i>Callophrys rubi</i>				✓			
8	Small Copper	<i>Lycaena phlaeas</i>					✓		✓
9	Little Blue	<i>Cupido minimus</i>				✓	✓	✓	✓
10	Green Underside Blue	<i>Glaucopsyche alexis</i>	✓						

	Common name	Scientific name	May						
			4	5	6	7	8	9	10
11	Common Blue	<i>Polyommatus icarus</i>				✓	✓	✓	✓
12	Painted Lady	<i>Vanessa cardui</i>				✓	✓	✓	✓
13	Meadow Brown	<i>Maniola jurtina</i>					✓		
14	Speckled Wood	<i>Pararge aegeria tircis</i>							
15	Southern Speckled Wood	<i>Pararge aegeria aegeria</i>		✓					
16	Wall Brown	<i>Lasiommata megera</i>						✓	✓
17	Small Heath	<i>Coenonympha pamphilus</i>	✓			✓	✓	✓	✓

Moths: B = Bivouac / tent; C = Caterpillar

1	Latticed Heath	<i>Chiasma clathrata</i>	✓						
2	Pine Processionary Moth	<i>Thaumetopoea pityocampa</i>		C+B	B				

Other Invertebrates

1	Frog hopper	<i>Cercopis vulnerata</i>	✓						
2	Beefly	<i>Bombylius sp.</i>				✓			
3	Carpenter Bee	<i>Xylocopa violacea</i>				✓			
4	White-tailed Bumblebee	<i>Bombus lucorum</i>		✓	✓	✓			
5	7-Spot Ladybird	<i>Coccinella 7-punctata</i>			✓				
6	2-Spot Ladybird	<i>Adalia bipunctata</i>		✓					
7	Churchyard Beetle	<i>Blaps mucronata</i>	✓						
8	Galls caused by								
9	Oriental Chestnut Gall Wasp	<i>Dryocosmus kuriphilus</i>		✓		✓			

Mammals: (✓) = dead

1	Western Hedgehog	<i>Erinaceus europaeus</i>						(✓)	
2	Red Fox	<i>Vulpes vulpes</i>		✓					✓
3	Fallow Deer	<i>Dama dama</i>						✓	
4	Wild Boar	<i>Sus scrofa</i>						✓	
5	Rabbit	<i>Oryctolagus cuniculus</i>	✓				✓	✓	

Amphibians & Reptiles

1	Painted Frog	<i>Discoglossus pictus</i>							
2	Common Toad	<i>Bufo bufo</i>			✓		✓		
3	Western Green Lizard	<i>Lacerta bilineata</i>							✓
4	Italian Wall Lizard	<i>Podarcis sicula</i>		✓		✓	✓	✓	✓
5	Four-lined Snake	<i>Elaphe quatuorlineata</i>							(✓)

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