Wild Flowers of Sicily

Naturetrek Tour Report

25 April - 5 May 2010



Peony (Paeonia mascula)



Linum punctatum



Sweet Pea (Lathyrus odoratus)



Mount Etna with Etna Birch (Betula aetnensis)

Report compiled by Jessica Turner Images by kind courtesy of David Watson



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Day 1

Fine and warm

The group members met Jessica at Gatwick Airport for our flight to Catania. Having collected our luggage, we loaded the bus, and soon joined the north-bound A18. We stopped for lunch at the motorway services, where we enjoyed our paninis and drinks in the shade of Aleppo Pines (*Pinus halpensis*). At Giarre, we turned off towards Zafferana Etnea, and our hotel, the Albergo Airone. This was our base for the next three nights. Having had time to settle in, we set out to explore the immediate vicinity of the hotel: the walls and verges opposite and an area of woodland further up the road.

The walls held a variety of stonecrops including Sedum cepaea and Starry Stonecrop (Sedum stellatum), Summer Savory (Satureja hortensis) and the beautiful blue bellflower Campanula dichotoma. As we walked up the road, we recorded Honeywort (Cerinthe major), a Leopard's-bane (Doronicum orientale), and the pink and purple vetch Lathyrus clymenum. The woodland was mainly coppiced Sweet Chestnut (Castanea sativa), with some of the boles being extremely wide, attesting to their age. Here we found Tassel Hyacinth (Muscari comosum), Birthwort (Aristolochia rotunda), Bloody Cranesbill (Geranium sanguineum), and an emerging spike of Violet Bird's-nest Orchid (Limodorum arbortivum). Further up in the wood were many spikes of Roman Orchid (Dactylorhiza romana), but these were mainly over, and the unusual yellow and black pea Vicia melanops. Back on the road, we found two different Broomrapes: Common Broomrape (Orobanche minor) and Bean Broomrape (Orobanche crenata). It was then time to return to the hotel.

Day 2

Thursday 29th April

Wednesday 28th April

Fine at first, thunderstorms developing

Today we set out to explore some of the lava flows on the eastern side of Mount Etna. We took the road to Milo, and stopped by a little chapel above the village. Etna Broom (*Genista aetnensis*), Narrow-leaved Lupin (*Lupinus angustifolium*), a vetch which is probably a very pale form of Fodder Vetch (*Vicia villosa*), and endemic Treacle Mustard (*Erysimum bonannianum*) and a spike of a Toothed Orchid (*Orchis commutatum*) were all found. A purple Carpenter Bee was feeding on the vetch. On the lava we found Woad (*Isatis tinctoria* subsp *canescens*), which was widespread on verges as well, Etna Sorrel (*Rumex scutatus* forma *aetnensis*), and a Knawel (*Schleranthus aetnensis*).

The trees were Etna Birch (*Betula aetnensis*), with some Downy Oak (*Quercus pubescens*) and Holm Oak (*Quercus ilex*). We stopped at the Rif. Citelli, but unfortunately it was closed for refurbishment. However, here we recorded the spiny Etna Milk-vetch (*Astragalus siculus*), Etna Tansy (*Tanacetum siculum*), an endemic form of Rock Ragwort (*Senecio squalidus* var. glaber), and had a close look at the Etna Birch (*Betula aetnensis*).

Our next stop was the Piano Provezana (1785m) where we saw the 2002/3 lava flow. Searching adjacent woodland and scrub, we found Juniper (*Juniperus communis* subsp *hemisphaerica*), Etna Barberry (*Berberis aetnensis*), the Cinquefoil *Potentilla calabra*, and quantities of Etna Pansy (*Viola aethnensis*) in shades from deep purple, through blue to cream. We then started to descend towards Linguaglossa, stopping at a picnic site in some woodland for lunch. This came rapidly to an end as a bolt of lightning struck nearby, and the heavens opened! The rain did not last long, and we stopped above Linguaglossa, where we found a variety of orchids including Elder-flowered Orchid (*Dactylorhiza sambucina*), Provence Orchid (*Orchis provincialis*), Pink Butterfly Orchis (*Orchis papilionacea* var grandiflora), and Green-winged Orchids (*Orchis morio*). Other plants seen included Sand Catchfly (*Silene conica*), Fedia (*Fedia connucopiae*) and Cornflower (*Centaurea cyanus*).

After a break for refreshments in Linguaglossa, we drove down to the Fiumefreddo Nature Reserve, near the coast. 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 2.5m tall Thistles (*Cirsium creticum*), while Yellow Flag (*Iris pseudacorus*) and Stinging Nettles (*Urtica dioica*) easily topped 1.5m! One of the specialities of the reserve is Papyrus (*Cyperus papyrus siculus*). Turtle Doves, a Hoopoe and a Nightingale were singing, and Jill and Margaret were delighted to see two of the latter, flying off.

Our final stop was on the coast, near Cottone, where the Fiumefreddo River enters the sea. Here we found Crown Daisy (*Glebionis coronarium*), Purple Viper's-bugloss (*Echium plantagineum*), Reversed Clover (*Trifolium resupinatum*), Three-horned Stock (*Matthiola tricuspidata*), and Sea Kale (*Cakile maritima*). We then returned to the hotel after a very long, full but enjoyable day.

Day 3

Friday 30 April

Fine, warm and sunny with some cloud

Today we took the cable car and 4x4 on an excursion up to just below the summit craters of this magnificent volcano. The peak was absolutely clear, so we stopped for a photo opportunity en route, before parking at the Rifugio Sapienza, for the Funivia dell'Etna. The cable car took us about two thirds of the way up to the 2002/3 crater, and on the way we noted Etna Milk-vetch (*Astragalus sicula*), Etna Pansy (*Viola aethnensis*) and a Wheatear. 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). A major eruption in 2002/3 opened a deep crevice in the strata, through which magma and gas escaped; and from which steam and sulphurous gases still do. We walked down to the crater margin, and then round it, noting the heat of the lava under our feet. A Painted Lady butterfly was the only wildlife noted here. Having returned to the buses, some of the group returned to the Rifugio for refreshments, while others chose to explore further, before we all took the Funivia back to the base car park. We agreed that it was magnificent, and also noted how the cloud had built around the summit during the morning.

We then drove a little way back down towards Zafferana, stopping for our picnic in a lay-by under a stand of Etna Broom (*Genista aetnensis*). Immediately a fox appeared, keen to share our lunch. This animal (presumably the same one) had been noted in 2006 and 2007, and is obviously something of a local celebrity; as all the passing tourist buses slowed down to observe him. One bus even stopped as the driver put out an offering of ham; unfortunately at that point, the fox had retreated, and those spectators were disappointed.

After lunch we descended to some older lava flows, and stopped to explore the flora, noting Greater Broomrape (*Orobanche rapum-genistae*) growing on the Etna Broom (*Genista aetnensis*). Moving on, we turned up the road towards Monte Zoccalaro, through cultivated terraces and then into woodland. Here we found an endemic form of Snow-in-Summer (*Cerastium tomentosum* subsp *aetneum*), Pink Rockcress (*Arabis rosea*), and a good number of spikes of Elder-flowered Orchid (*Dactylorhiza sambucina*) in a variety of shades from magenta to lemon.

Our final stop of the day was the Piano dell' Acqua. Here we recorded the Ploughshare Tongue Orchid (*Serapias vomeracea* subsp *orientalis*), and many spikes of Violet Bird's-nest Orchid (*Limodorum abortivum*). In the short grass, in the open we also noted *Anchusa cretica*, the Catchfly *Silene colorata*, and the diminutive *Paronychia argentea*. It was then time to return to the hotel.

Day 4

Saturday 1st May

Fine and sunny

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. As we were packing the vehicle, we were delighted to hear Bee-eaters overhead. We set off south, towards Catania, before turning west on the A19. Along this route we saw a large number of Spotless Starlings, perched on the barriers on the edge of the autostrada, together with some beautiful stretches of Blue Stonecrop (*Sedum caeruleum*), a reddish plant with pale blue flowers, endemic to Sicily.

We stopped for refreshments at the Services at Enna, but found what had previously been a flower-rich area of waste ground had been cleared to virtually bare soil. However, we did find both colour forms of Scarlet Pimpernel (*Anagallis arvensis*) and had a good sighting of a Long-tailed Blue butterfly. We turned off the autostrada at Tre Monzelli, towards Castellana Sicula, stopping after a few kilometres to look at the verges and field margins. Here we found the original Sweet Pea (*Lathyrus odoratus*), Italian Gladiolus (*Gladiolus italicus*), Yellow Asphodel (*Asphodeline lutea*), Rosy Garlic (*Allium rosea*) and a spike of *Allium nigrum* not quite in flower. We had been seeing fields pink with Italian Sainfoin (*Hedysarum coronarium*), and were able to see it close to, as well. Swallowtail and Clouded Yellow butterflies which were on the wing.

We stopped for lunch just above Petralia, by a road bridge with Crag Martins diving in and out underneath, presumably nesting, and with Rock Buntings overhead. The area was rich in orchids, with Naked Man Orchid (*Orchis italica*), *Orchis longicornu*, Provence Orchid (*Orchis provincialis*), Dark Ophrys (*Ophrys incubacea*), Bertoloni's Bee Orchid (*Ophrys bertolonii*) and the leaves of Lizard Orchid (*Himantoglossum hircinum*) among those found. We also recorded *Bellevalia dubia*, with its blue-brown flowers, and an endemic Genista, *Genista cupanii*, and had excellent views of a Subalpine Warbler. We then made our way on to the Hotel Piano Torre Park, our base for the next four nights. After dinner, a Great Peacock Moth was found in the hotel grounds.

Day 5

Hot and sunny

Sunday 2nd May

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 Pine (*Abies nebrodensis*). About forty or so mature trees remain, although there are a number of seedlings (all carefully tagged and recorded). We parked in an area of Corsican Pine (*Pinus nigra* subsp *laricio*), opposite a large pair of gates (but no fence), marking the start of the path. A small hillock to the right of the path immediately drew our attention, with lemon and purple *Iris pseudopumila*, and a variety of new orchid species. We found Yellow Bee Orchid (*Ophrys lutea*) and the similar *Ophrys sicula*, Sombre Bee Orchid (*Ophrys fusca*), *Ophrys flammeola*, *Ophrys archimedea*, and *Ophrys lucifera*. The differences between these orchids are slight, as they are still evolving, and are not recognised as separate species by all botanists. We also found Branchifort's Orchid (*Orchis branchifortii*), Toothed Orchid (*Orchis tridentata*), Man Orchid (*Orchis anthropophora*) and Dense-flowered Orchid (*Orchis intacta*). Further up the path we found *Orchis grandiflora*, a form of Sawfly Orchid (*Ophrys tenthredinifera*), while we were serenaded by Tree Pipits.

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 Candytuft (*Iberis pruitii*), Sad Stock (*Matthiola fruticulosa var sicula*), an endemic Alison (*Alyssum nebrodensis*) and the stunning blue flax, *Linum ponticum*. We also noted Juneberry (*Amelanchier ovalis*) in full flower. Further up was a spike of *Ophrys exaltata*, and an endemic Hound'stongue, *Cynoglossum 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. We then identified several others, scattered across the hillsides at higher altitudes. Coming down, we had good views of Rock Bunting, while Red-billed Choughs circled over the cliffs above.

After a late lunch, we drove back up the road to some rocky meadows. Here we found many of the same species found earlier in the day, but also some intriguing hybrids, namely Pink Butterfly Orchid x Toothed Orchid (*Orchis papilionacea x O. tridentata*) and Bertoloni's Bee Orchid x Sawfly Orchid (*Ophrys bertolonii x O. grandiflora*). We also found a Grass Eggar Moth caterpillar, and some communal caterpillars, probably of the Brown-tail Moth.

We then drove back towards the hotel, stopping en route to admire and enjoy a fine display of white Peonies (*Paeonia mascula*) and also a bank of Spring Sowbread (*Cyclamen repandum*). Our final stop was to look for the rare and local *Ophrys lacaitae*, on a road verge site close to the hotel. Several spikes were found, but we were rather concerned at the cattle grazing close by!

Day 6

Monday 3rd May

Hot and sunny

This morning a Golden Oriole was calling behind the hotel, and the Great Peacock Moth was found resting on the outside wall of one of the rooms, providing good photo opportunities.

Today we drove down from the mountains, to the coast at Cefalu. Here the group had some free time to explore the town and the Duomo, while Jessica shopped for the picnic. Having met up again, we drove east along the coast, finding a pleasant spot where a short track led down to the sea. We set up the picnic on the beach; nearby plants included Tree Spurge (*Euphorbia dendroides*), Rock Samphire (*Crithmum maritimum*) and Giant Reed (*Arundo donax*), and a Sardinian Warbler was seen and heard. We then made our way back up the road towards the mountains, and made a stop where we could examine the natural cliff flora. Species here included three species of Cistus: Narrow-leaved (*Cistus monspeliensis*) with its small white flowers, Sage-leaved (*Cistus salvifolius*) with its large white flowers, and the pink *Cistus creticus*. We also found Hairy Thorny Broom (*Calycotome villosa*), French Lavender (*Lavendula stoechas*), Strawberry Tree (*Arbutus unedo*), Mastic Tree (*Pistacia lentiscus*), Cork Oak (*Quercus suber*), Tree Heather (*Erica arborea*), Snapdragon (*Antirrhinum majus*), Orange Dragon's Teeth (*Tetragonolobus biflorus*), and Narrow-leaved Clover (*Trifolium angustifolium*).

We made another stop on the outskirts of Isnello, by a bridge over a gorge. By the road was a spike of a Star of Bethlehem (*Ornithogalum narbonense*) and Branched Broomrape (*Orobanche racemosa*), while the cliffs and slopes above held *Scabiosa cretica* with its beautiful seed-heads, Golden Drops (*Onosma cansecens*), the endemic *Genista ephedroides*, Dodder (*Cuscuta epithymum*), the small thistle-like Annual Ptilostemon (*Ptilostemon stellatus*) and Yellow Bartsia (*Parentucellia viscosa*). We then returned to the hotel.

Day 7

Fine but windy

Today the first trip was down to Collesano to shop for lunch and to look round the village. En route we noted Blue Hound's-tongue (*Cynoglossum creticum*), and Slender Broomrape (*Orobanche gracilis*). Next to the car park in Collesano, on the walls of a school yard we saw Fat Stonecrop (*Sedum dasphyllum*), White Snapdragon (*Antirrhinum siculus*) and White Henbane (*Hyoscyamus albus*), and we wondered if the teachers and children realised the toxicity of the last of these. We returned to the hotel for a short comfort stop, noting Pink Hawksbeard (*Crepis rubra*) that had hybridised with Smooth Hawksbeard (*Crepis capillaris*), producing a hybrid swarm of different flower sizes and colours.

Our main destination for the day was the Piano Battaglia, an area of boulder-strewn hillsides and short grassland, with a stream leading to a sink-hole. The meadow was white with Daisies (*Bellis perennis* var *strobliana*), but we soon also found a Yellow Star of Bethlehem (*Gagea arvensis*) and Bird-in-a-Bush (*Corydalis solida*). We took the track up the hillside, with *Cachrys ferulaceum* coming into flower, while on the path was the tiny *Evax pygmaea*. We had good views of a Cirl Bunting, while a Jersey Tiger Moth was recorded. After a rather windswept picnic, we explored the areas towards and round the sink-hole. In some of the bare areas we found several specimens of the pretty purple *Romulea bulbocodium*, and a couple of spikes of *Ophrys exaltata*, growing at an usually high altitude. Around the sink-hole was Alpine Squill (*Scilla bifolia*) and Meadow Saxifrage (*Saxifraga granulata*), while the stream bank held a sward of *Narcissus tazetta*, sadly nearly all over. One of the plants had double 'flore pleno' flowers. On the slopes were large numbers of Mountain Star of Bethlehem (*Ornithogalum montanum*).

Having returned to the vehicle, we made our way down to an area just below the Piano Zucchi, where we found a number of Peonies (*Paeonia mascula*), mainly white, but one plant with pink flowers. We then moved on to piece of woodland below the Piano Torre Hotel, which was mainly Cork Oak (*Quercus suber*). Here we found Butcher's Broom (*Ruscus aesculentus*), Ramsons (*Allium ursinum*), and a very pale form of Ivy-leaved Toadflax (*Cymbalaria muralis*). The White Helleborine (*Cephalanthera damasonium*) was not yet flowering here, but we were able to see a spike of it outside the hotel. We then returned for our final evening, and to pack for our departure.

Tuesday 4th May

Day 8

Wednesday 5th May

Cloudy but bright, becoming sunny and warm

We had an early start today, to return to Catania Airport. A Golden Oriole was again calling in the trees behind the hotel first thing. Having had breakfast and packed the bus, we bid farewell to the Piano Torre and to Jonathan, who was heading north-west, and set off via Collensano to rejoin the autostrada south then east towards Catania.

We arrived at the airport in good time, where we said goodbye to David and Margaret, who were staying on for a few days, and the rest of us checked in for our flight back to the UK, our minds full of images of Sicily, and especially of Etna.

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Species Lists

Plants

NB. ** denotes a species is endemic to Sicily, * denotes it is endemic to Italy

	Common name					
PTERIDOPHYTES	FERNS & ALLIES					
Adiantaceae	Maidenhair Fern Family					
Anogramma leptophylla	Jersey Fern	Walls opposite Albergo Airone				
Aspleniaceae	Spleenwort Family					
Asplenium onopteris	Irish Spleenwort	Above Albergo Airone				
Asplenium trichomanes	Maidenhair Spleenwort	Above Albergo Airone				
Ceterach officinarum	Rustyback	Common				
Dennstaedtiaceae	Bracken family					
Pteridium aquilinum	Bracken	Common				
Polypodiaceae	Polypodium Family					
Polypodium cambricum	Southern Polypody	Common on Etna				
Woodsiaceae	Lady-fern Family					
Athyrium filix-femina	Lady Fern	Above Albergo Airone				
PINOPSIDA (GYMNOSPERMS)	CONIFERS					
Cupressaceae	Juniper Family					
Juniperus communis subsp. hemisphericum	Juniper	Piano Provenzana				
Juniperus oxycedrus	Prickly Juniper	Vallone Madonna degli Angeli				
Pinaceae	Pine Family					
Abies nebrodensis**	Nebrod Pine	Vallone Madonna degli Angeli				
Pinus halpensis	Aleppo Pine	Motorway Services near Catania				
Pinus nigra subsp. laricio	Corsican Pine	Above Milo				
MAGNOLIOPSIDA (ANGIOSPERMS)	FLOWERING PLANTS					
	Magnoliidae (Dicotyledons)					
Aceraceae	Maple Family					
Acer campestre	Field Maple	Vallone Madonna degli Angeli				
Acer monspessulanum	Montpelier Maple	Piano Torre				
Acer obtusatum	A Maple	Above Albergo Airone				
Acer pseudoplatanus	Sycamore	Below Rif G Sapienza				
Apiaceae	Carrot Family					
Anthriscus sylvestris	Cow Parsley	Above Albergo Airone				
Apium nodiflorum	Fool's-water-cress	Fiumefreddo				
Cachrys ferulacea	-	Piano Battaglia				
Crithmum maritimum	Rock Samphire	East of Cefalu				
Eryngium campestre	Field Eryngo	Above Petralia (leaves only)				
Ferula communis subsp. communis	Giant Fennel	Common				
Laserpitum garganicum	A Sermountain	Vallone Madonna degli Angeli				
Oenanthe globulosa	Water Dropwort	Below Piano Zucchi				

Scientific name	Common name	Location		
Orlaya kochii	An Orlaya	Vallone Madonna degli Angeli		
Scandix pecten-veneris	Shepherd's Needles	Above Petralia		
Smyrnium perfoliatum	Perfoliate Alexanders	Above Albergo Airone		
Thapsia garganica	Thapsia	Above Albergo Airone		
Apocynaceae	Periwinkle Family			
Nerium oleander	Oleander	Near Airport		
Vinca major	Greater Periwinkle	Above Albergo Airone		
Aquifoliaceae	Holly Family			
-				
llex aquifolia	Holly	Above Albergo Airone		
Araliaceae	Ivy Family			
Hedera helix	lvy	Above Albergo Airone		
Aristolochiaceae	Birthwort Family			
Aristolochia rotunda	Birthwort	Abovo Alborgo Airono		
	Dittiwort	Above Albergo Airone		
Asteraceae	Daisy Family			
Anthemis aetnensis**	Etna Daisy	Piano Provenzana		
Anthemis cupaniana**	-	Petralia		
Artemisia arborescens	A Wormwood	Below Isnello		
Bellis perennis var. strobliana**	Daisy	Piano Battaglia		
Bellis sylvestris	Southern Daisy	Above Albergo Airone		
Calendula arvensis	Field Marigold	Above Milo		
Carduus pycnocephalus	Plymouth Thistle	Below Piano Zucchi		
Carduus macrocephalus	-	Below Piano Zucchi		
Carlina nebrodensis**	Nebrod Carline Thistle	Vallone Madonna degli Angeli		
Centaurea cf busambarensis**	A Knapweed with grey lvs	Below Isnello		
Centaurea calcitrapa	Red Star Thistle	Piano Torre		
Centaurea cyanus	Cornflower	Above Linguaglossa		
Centaurea napifolia	A Knapweed	Above Cefalu		
Cirsium creticum	-	Fiumefreddo		
Cirsium spinosissimum	Spiniest Thistle	Piano Torre		
Crepis capillaris	Smooth Hawk's-beard	Piano Torre		
Crepis rubra	Pink Hawk's-beard	Piano Torre		
Crepis capillaris x rubra	A Hybrid Hawk's-beard	Piano Torre		
Crupina crupinastrum	Crupina	Below Isnello		
Dittrichia viscosa	Stink Aster	Petralia		
Doronicum orientale	A Leopard's Bane	Above Albergo Airone		
Evax pygmaea	Evax	Piano Battaglia		
Galactities tomentosa	Galactites	Above Cefalu		
Glebionis (Chrysanthemum) coronarium	Crown Daisy	Coast at Fiumefreddo		
Glebionis (Chrysanthemum) segetum	Corn Marigold	Below Isnello		
Helichrysum nebrodense**	An Everlasting	Vallone Madonna degli Angeli		
Hyoseris radiata	-	Above Albergo Airone		
Cf Launaea resedifolia	-	Above Albergo Airone		
Onopordum illyricum	-	Near Castellana Sicula		
Pallenis spinosa	Pallenis	Below Isnello		
Phagnalon rupestre	Phagnalon	Wall at Fiumefreddo		
Ptilostemon stellatus	Annual Ptilostemon	Below Isnello		
Ragadiolus edulis	-	Above Albergo Airone		
Scolymus hispanicus	Spanish Oyster Plant	Roadsides, Catania		

Scientific name	Common name	Location		
Senecio ambiguous**	A Ragwort	Below Etna		
Senecio (aetnensis) squalidus	A Ragwort	Rifugio Citelli		
Senecio squalidus var.glaber**	A Ragwort	Rifugio Citelli		
Senecio vulgaris	Groundsel	Above Albergo Airone		
Silybum marianum	Milk Thistle	Above Cefalu		
Tanacetum siculum**	Etna Tansy	Rifugio Citelli		
Tragopogon porrifolius	Salsify	Piano Torre		
Tussilago farfara	Colt's-foot	Piano Battaglia		
Urospermum dalechampii	Urospermum	Rifugio Citelli		
Volutaria lippii	Volutaria	Below Isnello		
Berberidaceae	Barberry Family			
Berberis aetnensis*	Etna Barberry	Piano Provezana		
Betulaceae	Birch Family			
Betula aetnensis**	Etna Birch			
שפונוום מבווובווטוט		Above Milo		
Boraginaceae	Borage Family			
Anchusa cretica	-	Piano dell'Acqua		
Borago officinalis	Borage	Near Castellana Sicula		
Cerinthe majus	Honeywort	Above Albergo Airone		
Cynoglossum creticum	Blue Hound's-tongue	Piano Torre		
Cynoglossum nebrodense**	An endemic Hound's-tongue	Vallone Madonna degli Angeli		
Echium italicum	Pale Bugloss	Above Petralia		
Echium plantagineum	Purple Viper's-bugloss	Coast at Fiumefreddo		
Echium vulgare	Viper's Bugloss	Above Albergo Airone		
Myosotis arvensis	Field Forget-me-not	Above Albergo Airone		
Myosotis incrassata	a Forget-me-not	Piano Battaglia		
Myosotis ramosissima	Early forget-Me-Not	Above Milo		
Myosotis sylvatica	Wood Forget-Me-Not	Piano Zucchi		
Onosma canescens	Golden Drops	Vallone Madonna degli Angeli		
Symphytum bulbosum	Bulbous Comfrey	Road to M. Zoccalaro		
Brassicaceae	Cabbage Family			
Aetheonema saxatile	Burnt Candytuft	Vallone Madonna degli Angeli		
Alyssum nebrodense**	An Alison	Vallone Madonna degli Angeli		
Arabidopsis thaliana	Thale Cress	Above Albergo Airone		
Arabis caucasicus subsp. alpina	Alpine Rockcress	Piano Battaglia		
Arabis rosea	-	Road to M Zoccalaro		
Arabis turrita	Tower Cress	Above Albergo Airone		
Biscutella didyma	Biscutella	Piano dell' Acqua		
Cakile maritima	Sea Kale	Coast at Fiumefreddo		
Capsella bursa-pastoris	Shepherd's-purse	Above Linguaglossa		
Erysimum bonannianum**	A Treacle-mustard	Above Milo		
Iberis pruitii	Candytuft	Vallone Madonna degli Angeli		
lsatis tinctoria subsp. canescens	Woad	Common		
Lobularia maritima	Sweet Alison	Above Cefalu		
Matthiola fruticulosa var sicula**	Sad Stock	Vallone Madonna degli Angeli		
Matthiola tricuspidata	Three-horned Stock	Coast at Fiumefreddo		
Campanulaceae	Bellflower Family			
Campanula dichotoma	a bellflower	Walls opposite Albergo Airone		
Campanula erinus	Annual Bellflower	Walls at Fiumefreddo		

Scientific name	Common name	Location			
Caprifoliaceae	Honeysuckle Family				
Lonicera etrusca	-	Piano Torre			
Sambucus ebulus	Dwarf Elder	Fiumefreddo			
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Caryophyllaceae	Pink Family				
Arenaria grandiflora subsp. grandiflora	Large-flowered Sandwort	Vallone Madonna degli Angeli			
Arenaria serpyllifolia agg	Thyme-leaved Sandwort	Above Albergo Airone			
Cerastium glomeratum	Sticky Mouse-ear	Common			
Cerastium tomentosum subsp. aetneum**	Snow-in-Summer	Road to M Zoccalaro			
Paronychia argentea	Paronychia	Piano dell' Acqua			
Petrorhagia velutina	A Childing Pink	Above Albergo Airone			
Scleranthus aetnensis**	An endemic Knawel	Piano Provenzana			
Scleranthus marginatus	A Knawel	Piano Battaglia			
Scleranthus perennis subsp. vulcanicus**	An endemic Knawel	Piano Provenzana			
Silene gallica	Small-flowered Catchfly	Above Milo			
Silene italica	Italian Catchfly	Piano dell' Acqua			
Silene colorata	A Catchfly	Piano dell' Acqua			
Silene conica	Sand Catchfly	Above Linguaglossa			
Silene latifolia	White Campion	Above Albergo Airone			
Silene vulgaris	Bladder Campion	Above Albergo Airone			
Stellaria media	Chickweed	Above Albergo Airone			
Stellaria neglecta	A Chickweed	Below Isnello			
Cistaceae	Rockrose Family				
	Cretan Cistus				
Cistus creticus		Above Cefalu			
Cistus monspeliensis	Narrow-leaved Cistus	Above Cefalu			
Cistus salvifolius	Sage-leaved Cistus	Above Cefalu			
Helianthimum oelandicum subsp canum	Hoary Rockrose Rockrose	Above Petralia			
Helianthimum nummularium	ROCKIOSE	Above Petralia			
Convolvulaceae	Bindweed Family				
Convolvulaceae Convolvulus althaeoides	Mallow-leaved Bindweed	Deadaidea			
Convolvulus annaeoldes	Field Bindweed	Roadsides			
Convolvulus arvensis	A Bindweed	Below Isnello			
	Small Blue Convolvulus	Below Isnello			
Convolvulus tricolor		Enna Services			
Cuscuta epithymum	Common Dodder	Below Isnello			
Crassulaceae	Stonecrop Family				
Sedum album	White Stonecrop	Meadows below M San Salvatore			
Sedum caeruleum	Blue stonecrop	Autostrada A19			
Sedum cepaea	A Stonecrop	Walls opp. Albergo Airone			
Sedum dasyphyllum	Fat-leaved Stonecrop	Collensano			
Sedum rupestre	Large yellow Stonecrop	Above Albergo Airone			
Sedum sediforme	A Stonecrop	Meadows below M San Salvatore			
Sedum stellatum	Starry Stonecrop	Walls opp. Albergo Airone			
Sedum tenuifolium	A Stonecrop	Vallone Madonna degli Angeli			
Umbilicus rupestris	Wall Pennywort	Above Albergo Airone			
Dipsacaceae Dipsacus fullonum	Teasel Family Teasel	Enna Services			

Scientific name	Common name	Location				
Scabiosa cretica	-	Below Isnello				
Ericaceae	Heather Family					
Arbutus unedo	Strawberry Tree	Above Cefalu				
Erica arborea	Tree Heather	Above Cefalu Above Cefalu				
Euphorbiaceae	Spurge Family					
Euphorbia amygdaloides	Wood Spurge	Piano Torre				
Euphorbia characias subsp. characias	Large Mediterranean Spurge	Common				
Euphorbia dendroides	Tree Spurge	East of Cefalu				
Euphorbia helioscopia	Sun Spurge	Above Linguaglossa				
Euphorbia rigida	Narrow-leaved Glaucous Spurge	Above Petralia				
Mercurialis annuus	Annual Mercury	Above Albergo Airone				
Ricinus communis	Castor Oil Plant	Roadsides Catania				
Fabaceae	Pea Family					
rapaceae Adenocarpus complicatus		Below Piano Provenzana				
Anthyllis vulneraria	Kidney Vetch	Above Petralia				
Anthyllis tetraphylla	Bladder Vetch	Below Isnello				
Astragalus siculus **	-	Rifugio Citelli				
Astragalus nebrodensis**	-	Vallone Madonna degli Angeli				
Bituminaria bituminosa	Pitch Trefoil	Above Cefalu				
Calycotome villosa		Above Cefalu Above Cefalu				
Coronilla emerus subsp. emeroides	A Scorpion Vetch					
Cytisus scoparius	Broom	Above Cefalu				
Genista aetnensis**	Etna Broom	Above Albergo Airone				
		Etna				
Genista cupanii**	An endemic Greenweed	Above Petralia				
Genista ephedroides**	An endemic Greenweed	Below Isnello				
Hedysarum coronarium	Italian Sainfoin	Near Castellana Sicula				
Lathyrus aphaca	Yellow Vetchling	Above Cefalu				
Lathyrus cicera	-	Piano Zucchi				
Lathyrus clymenum	-	Above Albergo Airone				
Lathyrus hirstus	Hairy Vetchling	Piano Battaglia				
Lathyrus odoratus**	Sweet Pea	Near Castellana Sicula				
Lathyrus setifolius	-	Above Albergo Airone				
Lotus conimbricensis	-	Below Isnello				
Lotus ornithopodioides	-	Above Albergo Airone				
Lotus uliginosus	Greater Bird's-foot Trefoil	Fiumefreddo				
Lupinus angustifolius	Narrow-leaved Lupin	Above Milo				
Medicago arabica	Spotted Medick	Piano dell' Acqua				
Medicago polymorpha	Toothed Medick	Piano dell' Acqua				
Melilotus italicus	a Melilot	Above Petralia				
Pisum sativum subsp. elatius	Wild Pea	Piano Zucchi				
Robinia pseudoacacia	False Acacia	Above Milo				
Scorparius muricatus	Scorpion Vetch	Above Cefalu				
Spartium junceum	Spanish Broom	Common				
Tetragonolobus biflorus	Orange Dragon's Teeth	Above Cefalu				
Tetragonolobus purpureus	Asparagus Pea	Piano Torre				
Trifolium angustifolium	Narrow-leaved Clover	Above Cefalu				
Trifolium arvense	Hare's-foot Clover	Above Milo				
Trifolium campestre	Hop Trefoil	Above Albergo Airone				
Trifolium resupinatum	Reversed Clover	Coast at Fiumefreddo				
Trifolium stellatum	Starry Clover	Above Albergo Airone				

Scientific name	Common name	Location	
Trifolium striatum	Soft Clover	Piano dell' Acqua	
Trifolium tomentosum	Woolly Trefoil	Coast at Fiumefreddo	
Vicia hirsuta	Hairy Tare	Above Albergo Airone	
Vicia lutea	Yellow Vetch	Above Albergo Airone	
Vicia melanops	Yellow and Black Pea	Above Albergo Airone	
Vicia sativa subsp. sativa	Fodder Vetch	Above Albergo Airone	
Vicia villosa	Fodder Vetch	Common	
Fagaceae	Beech Family		
Castanea sativa	Sweet Chestnut	Above Albergo Airone	
Fagus sylvatica	Beech	Piano Provenzana	
Quercus ilex	Holm Oak	Above Albergo Airone	
Quercus pubescens	Downy Oak	Etna	
Quercus suber	Cork Oak	Piano Torre	
Fumariaceae	Fumitory Family		
Corydalis solida	Bird-in-a-bush	Piano Battaglia	
Fumaria capreolata	White Ramping Fumitory	Above Albergo Airone	
Fumaria officinalis	Common Fumitory	Above Albergo Airone	
Geraniaceae	Geranium Family		
Erodium cicutarium	Common Stork's-bill	Common	
Geranium dissectum	Cut-leaved Crane's-bill	Piano dell' Acqua	
Geranium lucidum	Shining Crane's-bill	Above Albergo Airone	
Geranium molle	Dove's-foot Crane's-bill	Above Abergo Allone Above Cefalu	
Geranium purpureum	Little Robin		
Geranium pyrenaicum	Hedgerow Crane's-bill	Above Albergo Airone Above Albergo Airone	
Geranium sanguineum	Bloody Crane's-bill	Above Albergo Airone	
Coraman canganoan			
Hypericaceae	St. John's Wort Family		
Hypericum androsaemum	Tutsan	Above Albergo Airone	
	Tuban	Above Albergo Alfone	
Lamiaceae	Dead-nettle Family		
Lamium garganicum	Large Red Deadnettle	Above Petralia	
Lavandula stoechas	French Lavender	Above Petralia Above Cefalu	
Melittis melissophyllum	Bastard Balm		
Mentha pulegium	Pennyroyal	Piano Torre	
Mentha aquatica	Water Mint	Piano dell' Acqua	
Origanum vulgare	Marjoram	Fiumefreddo	
Origanum vuigare Prasium majus	Prasium	Piano dell' Acqua	
Prasium majus Salvia verbenaca		Below Isnello	
	Wild Clary	Meadows below M San Salvatore	
Satureja alpina	Alpine Basil Thyme	Below Piano Provenzana	
Satureja hortensis	Summer Savory	Wall opposite Albergo Airone	
Sideritis romana	-	Below Isnello	
Thymus capitatus	A Thyme	Meadows below M San Salvatore	
Linaceae	Flax Family		
Linum bienne	Biennial Flax	Piano dell' Acqua	
Linum punctatum	Flax	Vallone Madonna degli Angeli	
Malvaceae	Mallow Family		
Lavatera trimestris	Annual Mallow	Near Castellana Sicula	

Scientific name	Common name	Location			
Malva parviflora	Small-flowered Mallow	Enna Services			
Moraceae	Mulberry Family				
Ficus carica	Fig	Enna Services			
Oleaceae	Olive & Ash Family				
Fraxinus excelsior	Ash	Vallone Madonna degli Angeli			
Fraxinus ornus	Flowering Ash	Above Albergo Airone			
Olea europaea	Olive	Below Isnello			
Orobanchaceae	Broomrape Family				
Orobanche crenata	Bean Broomrape	Above Albergo Airone			
Orobanche gracilis	Slender Broomrape	Piano Torre			
Orobanche minor	Common Broomrape	Above Albergo Airone			
Orobanche ramosa	Branched Broomrape	Below Isnello			
Orobanche rapum-genistae	Greater Broomrape				
Grosanono rapani-geniade		Piano dell' Acqua			
Oxalidaceae	Wood-sorrel Family				
Oxalis pes-caprae	Bermuda Buttercup	Above Cefalu			
Paeoniaceae	Doony Family				
	Peony Family				
Paeonia mascula	Peony	Piano Zucchi			
Papaveraceae	Poppy Family				
Papaver dubium ssp. dubium	Long-headed Poppy	Vallone Madonna degli Angeli			
Papaver rhoeas	Common Poppy	Near Enna			
Plantaginaceae	Thrift Family				
Plantago lanceolata	Ribwort Plantain	Above Albergo Airone			
Polygonaceae	Dock Family				
Rumex acetosella	Sheep Sorrel	Above Milo			
Rumex crispus	Curled Dock	Above Albergo Airone			
Rumex scutatus	French Sorrel	Above Milo			
Rumex scutatus forma aetnensis**	Etna Sorrel	Above Milo			
Primulaceae	Primrose Family				
Anagallis arvensis (Blue)	Scarlet Pimpernel	Enna Services			
Anagallis arvensis (Red)	Scarlet Pimpernel	Enna Services			
Cyclemen repandum	Spring Sowbread	Piano Torre			
Ranunculaceae	Buttercup Family				
	Blue Anemone (white form)	Diana Zuzahi			
Anemone apennina Anemone hortensis	An Anemone	Piano Zucchi			
Clematis vitalba	Traveller's Joy	Above Petralia			
Nigella damascena	Love-in-a-mist	Above Albergo Airone Above Cefalu			
Ranunculus bulbosus	Bulbous Buttercup				
Ranunculus bulbosus	Million-leaved Buttercup	Below Isnello Biono Bottaglio			
Ranunculus millerollatus Ranunculus sceleratus	Celery-leaved Buttercup	Piano Battaglia			
		Fiumefreddo			
Thalictrum aquilegifolium	-	Piano Torre			
Resediaceae	Mignonette Family				
Reseda alba	White Mignonette	Above Albergo Airone			

Scientific name	Common name	Location		
Rosaceae	Rose Family			
Amelanchier ovalis	Juneberry	Vallone Madonna degli Angeli		
Crataegus laciniata	A Hawthorn	Piano Torre		
Crataegus monogyna	Hawthorn	Below Piano Provenzana		
Malus sylvestris	Crab-apple	Vallone Madonna degli Angeli		
Potentilla calabra	A Cinquefoil	Piano Provenzana		
Prunus dulcis	Almond	Below Isnello		
Pyrus amygdaliformis	Almond-leaved Pear	Above Petralia		
Rosa canina agg	Dog Rose	Below Isnello		
Rubus fruticosus agg	Bramble	Above Albergo Airone		
Sanguisorba minor	Salad Burnet	Vallone Madonna degli Angeli		
Sorbus aria	Whitebeam	Vallone Madonna degli Angeli		
Rubiaceae	Bedstraw Family			
Galium mollugo agg	Hedge Bedstraw	Below Isnello		
Rubia peregrina	Madder	Above Albergo Airone		
Sheradia arvensis	Field Madder	Common		
Salicaceae	Willow Family			
Populus alba	White Poplar	Fiumefreddo		
Populus tremula	Aspen	Fiumefreddo		
Salix alba	White Willow	Fiumefreddo		
Saxifragaceae	Saxifrage Family			
Saxifraga bulbifera	Bulbous Saxifrage	Above Petralia		
Saxifraga granulata	Meadow Saxifrage	Piano Battaglia		
Saxifraga tridactylites	Rue-leaved Saxifrage	Piano Battaglia		
Scrophulariaceae	Figwort Family			
Acanthus mollis	Bear's-breech	Above Cefalu		
Antirrhinum majus	Snapdragon	Above Cefalu		
Antirrhinum siculus	A Snapdragon	Collensano		
Bellardia trixago	Bellardia	Above Petralia		
Linaria heterophylla	A Toadflax	Above Milo		
Linaria purpurea	Purple Toadflax	Above Albergo Airone		
Linaria reflexa	a Toadflax	Above Petralia		
Misopates orontium	Weasel-snout	Above Cefalu		
Parentucellia latifolia	Southern Red Bartsia	Vallone Madonna degli Angeli		
Parentucellia viscosa	Yellow Bartsia	Below Isnello		
Scrophularia canina	French Figwort	Above Milo		
Scrophularia peregrina	Common Figwort	Piano Torre		
Veronica beccabunga	Brooklime	Piano Battaglia		
Solanaceae	Nightshade Family			
Hyoscyamus albus	White Henbane	Collensano		
Urticaceae	Nettle Family			
Parietaria judaica	Pelitory of the Wall	Above Albergo Airone		
Urtica dioica	Nettle	Above Albergo Airone		
Thymelaeaceae	Daphne Family			
Daphne laureola	Spurge Laurel	Above Albergo Airone		

Scientific name	Common name	Location		
Valerianaceae	Valerian Family			
Centranthus ruber	Red Valerian	Very Common		
Fedia cornucopiae	Fedia	Common		
Valeriana tuberosa	A Valerian	Vallone Madonna degli Angeli		
Verbenaceae	Verbena Family			
Lantana camara	Lantana	Catania		
Violaceae	Violet Family			
Viola aetnensis **	Etna Violet	Piano Provenzana		
		Plano Plovenzana		
Viscaceae	Mistletoe Family			
Viscum album	Mistletoe	Piano Torre		
Liliidae (Monocotyledons)				
A	A			
Agavaceae	Agave family			
Agave americana	Agave or Century Plant	Catania		
Agave sisalana	Sisal	Catania		
Araceae	Lords and Ladies Family			
Arum italicum	Large Cuckoo Pint	Above Albergo Airone		
Arum italicum subsp. neglectum	Large Cuckoo Pint (plain leaves)	Above Albergo Airone		
Cyperaceae	Sedge Family			
Carex otrubae	False Fox Sedge	Fiumefreddo		
Cyperus papyrus siculus**	Papyrus	Fiumefreddo		
Luzula forsteri	Southern Woodrush	Piano Provenzana		
Dioscoreaceae	Black Bryony Family	Above Alberge Airone		
Tamus communis	Black Bryony	Above Albergo Airone		
Iridaceae	Iris Family			
Gladiolus italicus	Italian Gladiolus	Near Castellana Sicula		
Hermodactylus tuberosus	Snake's-head Iris	Piano Torre (seed heads only)		
Iris pseudacorus	Yellow Flag	Fiumefreddo		
Iris pseudopumila (Purple form)	An Iris	Vallone Madonna degli Angeli		
Iris pseudopumila (Yellow two-tone form)	An Iris	Vallone Madonna degli Angeli		
Romulea bulbocodium	a Romulea	Piano Battaglia		
Juncaceae	Rush Family			
Juncus inflexus	Hard rush	Piano Battaglia		
Liliaceae	Lily Family			
Allium nigrum	-	Near Castellana Sicula		
Allium pendulinum	A Leek	Piano Torre		
Allium roseum	Rosy Garlic	Near Castellana Sicula		
Allium subhirsutum	A Leek	Common		
Allium triquetrum	Three-cornered Leek	Below Isnello		
Allium ursinum	Ramsons	Piano Torre		
Asparagus acutifolius	Prickly Asparagus	Below Isnello		

Scientific name	Common name	Location
Asphodeline lutea	Yellow Asphodel	Near Castellana Sicula
Asphodelus aestivus	Common Asphodel	Common
Bellevalia dubia	-	Above Petralia
Gagea arvensis	A Yellow Star of Bethlehem	Piano Battaglia
Muscari comosum	Tassel Hyacinth	Above Albergo Airone
Muscari neglectum	Grape Hyacinth	Above Petralia
Narcissus tazzetta	A Daffodil	Piano Battaglia
Ornithogalum angustifolium	Common Star of Bethlehem	Near Castellana Sicula
Ornithogalum montanum	Mountain Star of Bethlehem	Piano Battaglia
Ornithogalum narbonense	A Star of Bethlehem	Below Isnello
Ruscus aculeatus	Butcher's-broom	Piano Torre
Scilla bifolia	Alpine Squill	Piano Battaglia
Smilax aspera	Smilax	Above Cefalu
Orchidaceae	Orchid Family	
Cephalanthera damasonium	White Helleborine	Piano Torre
Dactylorhiza romana	Roman Orchid	Above Albergo Airone
Dactylorhiza sambucina	Elder-flowered Orchid	Road to M Zoccalaro
Himantoglossum hircinum	Lizard Orchid	Above Petralia
Limodora abortivum	Violet Bird's-nest Orchid	Piano dell' Acqua
Ophrys archimedea**	- (O. subfusca type)	Vallone Madonna degli Angeli
Ophrys bertolonii	Bertoloni's Bee Orchid	Above Petralia
Ophrys bertolonii x O. grandiflora	A hybrid	Meadows below M San Salvatore
Ophrys ciliata	Mirror Orchid	Vallone Madonna degli Angeli
Ophrys exaltata*	-	Piano Battaglia
Ophrys flammeola**	- (O. subfusca type)	Vallone Madonna degli Angeli
Ophrys fusca agg	Sombre Bee Orchid	Vallone Madonna degli Angeli
Ophrys grandiflora**	A Sawfly Orchid	Vallone Madonna degli Angeli
Ophrys incubacea	Dark Ophrys	Above Petralia
Ophrys lacaitae	-	Piano Torre
Ophrys lucifera	- (O. fusca type)	
Ophrys lutea	Yellow Bee Orchid	Vallone Madonna degli Angeli
		Vallone Madonna degli Angeli
Ophrys sicula	-	Vallone Madonna degli Angeli
Orchis anthroporphora (Aceras a.)	Man Orchid	Vallone Madonna degli Angeli
Orchis brancifortii*	Brancifort's Orchid	Vallone Madonna degli Angeli
Orchis commutata	A Toothed Orchid	Piano dell' Acqua
Orchis italica	Naked Man Orchid	Above Petralia
Orchis longicornu	-	Above Petralia
Orchis intacta (Neotinea maculata)	Dense-flowered Orchid	Vallone Madonna degli Angeli
Orchis morio	Green-winged Orchid	Above Linguaglossa
Orchis papilionacea var.grandiflora	Pink Butterfly Orchis	Above Linguaglossa
Orchis papilionacea x O tridentata	-	Meadows below M San Salvatore
Orchis provincialis	Provence Orchid	Above Petralia
Orchis tridentata	Toothed Orchid	Piano dell' Acqua
Serapias vomeracea	Plough-shareTongue Orchid	Piano dell' Acqua
Poaceae	Grass Family	
Aegilops ovalis	-	Above Cefalu
Aira caryophyllea	Silver Hair-grass	Above Milo
Ampelodesma mauritanica	-	Vallone Madonna degli Angeli
Anisantha sterilis	Barren Brome	Above Albergo Airone
Anthoxanthum odorata	Sweet Vernal Grass	Common
Arundo donax	Giant Reed	Fiumefreddo

Scientific name	Common name	Location		
Avena barbata	Slender Oat	Above Linguaglossa		
Avena sterilis	Winter Wild-oat	Above Albergo Airone		
Briza maxima	Great Quaking-grass	Above Albergo Airone		
Briza media	Quaking-grass	Above Milo		
Brachypodium sylvaticum	False Brome	Above Albergo Airone		
Catapodium rigidum	Fern Grass	Wall above Albergo Airone		
Cynodon dactylon	Bermuda Grass	Coast at Fiumefreddo		
Cynosurus echinatus	Rough Dog's-tail	Above Albergo Airone		
Dactylis glomerata	Cock's Foot	Above Albergo Airone		
Festuca arundinacea	Tall Fescue	Above Cefalu		
Festuca vivipara	Viviparous Fescue	Above Milo		
Hordium murinum	Wall Barley	Above Albergo Airone		
Lagurus ovatus	Hare's-tail Grass	Above Albergo Airone		
Lolium perenne	Perennial Rye-grass	Above Albergo Airone		
Poa annua	Annual Meadow-grass	Above Albergo Airone		
Poa bulbosa	Bulbous Meadow-grass	Piano Torre		
Poa violacea subsp. aetnensis**	-	Piano Provenzana		
Sparganiaceae	Bur-reed Family			
Sparganium erectum	Branched Bur-reed	Fiumefreddo		

Birds (H = Heard, L=Leader only)

			April/May							
	Common name	Scientific name	28	29	30	1	2	3	4	5
1	Grey Heron	Ardea cinerea								✓
2	Common Buzzard	Buteo buteo				✓	✓		✓	
3	Common Kestrel	Falco tinnunculus				✓				✓
4	Common Moorhen	Gallinula chloropus		✓						
5	Yellow-legged Gull	Larus cachinnans		✓				✓		
6	Rock Dove / Feral Pigeon	Columba livia (domest.)						✓		
7	Common Wood Pigeon	Columba palumbus	✓	✓	✓	✓	✓		✓	✓
8	Eurasian Collared Dove	Streptopelia decaocto						✓		✓
9	European Turtle Dove	Streptopelia turtur		Н			Н	Н		
10	Common Cuckoo	Cuculus canorus		Н	Н	Н	Н	Н	Н	Н
11	Tawny Owl	Strix aluco				Н	Н			
12	Common Swift	Apus apus	✓	✓	✓	✓	✓	✓	✓	✓
13	Eurasian Hoopoe	Upupa epops		Н	Н					
14	European Bee-eater	Merops apiaster				✓				
15	Great Spotted Woodpecker	Dendrocopos major					Н			✓
16	Wryneck	Jynx torquilla					✓	✓		
17	Crested Lark	Galerida cristata				L				✓
18	Crag Martin	Ptyonoprogne rupestris				✓	✓	✓		
19	Barn Swallow	Hirundo rustica	✓			✓				
20	Common House Martin	Delichon urbica				✓		✓		✓
21	Tree Pipit	Anthus trivialis					✓			
22	White Wagtail	Motacilla alba				✓	✓	✓	✓	✓
23	Winter Wren	Troglodytes troglodytes		✓					✓	
24	European Robin	Erithacus rubecula	Н	Н	Н	Н	Н			
25	Common Nightingale	Luscinia megarhynchos		✓				Н		Н
26	Northern Wheatear	Oenanthe oenanthe			✓				✓	
27	Common Stonechat	Saxicola torquata			✓					
28	Blue Rock Thrush	Monticola solitarius		L						

			April/May							
	Common name	Scientific name	28	29	30	1	2	3	4	5
29	Common Blackbird	Turdus merula	✓	✓	✓	✓	✓	✓	✓	✓
30	Blackcap	Sylvia atricapilla	Н	Н	Н	Н	✓	✓	✓	✓
31	Sardinian Warbler	Sylvia melanocephala						✓		
32	Subalpine Warbler	Sylvia cantillans				✓				
33	Cetti's Warbler	Cettia cetti		✓						
34	Chiffchaff	Phylloscopus collybita	Н	Н	✓	Н	Н	Н	Н	Н
35	Great Tit	Parus major	✓	✓	✓	✓	✓	✓	✓	✓
36	Coal Tit	Periparus ater	Н			✓	✓		Н	✓
37	Blue Tit	Cyanistes caeruleus	✓	✓	✓	✓		✓	✓	✓
38	Long-tailed Tit	Aegithalos caudatus siculus		✓				✓	✓	
39	Eurasian Nuthatch	Sitta europaea		Н				✓	Н	
40	Short-toed Treecreeper	Certhia brachydactyla	✓	✓						
41	Common Magpie	Pica pica	✓	✓	✓	✓	✓	✓	✓	✓
42	Eurasian Jay	Garrulus glandarius	✓	✓	✓	✓	✓		Н	
43	Western Jackdaw	Corvus monedula				✓				✓
44	Red -billed Chough	Pyrrhocorax pyrrhocorax					✓		✓	
45	Hooded Crow	Corvus corone cornix	✓	✓	✓	✓	✓	✓	✓	✓
46	Common Raven	Corvus corax			✓		✓			
47	Spotless Starling	Sturnus unicolor				✓		✓	✓	✓
48	Golden Oriole	Oriolus oriolus						Н		Н
49	Italian House sparrow	Passer domesticus italiae								✓
50	Spanish Sparrow	Passer hispaniolensis	✓	✓	✓	✓		✓	✓	
51	Common Chaffinch	Fringilla coelebs	Н	Н	Н	✓	✓	✓	✓	✓
52	European Goldfinch	Carduelis cardulis		✓	Н	✓	✓	✓	✓	✓
53	European Serin	Serinus serinus	✓	✓	✓	✓				
54	Cirl Bunting	Emberiza cirlus							✓	
55	Corn Bunting	Miliaria calandra				✓				Н
56	Rock Bunting	Emberiza cia				✓	✓		✓	

Butterflies

	Common name	Scientific name			
Pa	pilionidae				
1	Swallowtail	Papilio machaon			
2	Southern Festoon	Zerynthia polyxena			
Pieridae					
3	Clouded Yellow	Colias crocea			
4	Large White	Pieris brassicae			
5	Small White	Artogeia rapae			
6	Moroccan Orange Tip	Anthocharis belia			
7	Orange Tip	Anthocharis cardamines			
Lycaenidae					
8	Green Hairstreak	Callophrys rubi			
9	Small Copper	Lycaena phlaeas			
10	Long-tailed Blue	Lampides boeticus			
11	Holly Blue	Celastrina argiolus			
12	Little Blue	Cupido minimus			
13	Common Blue	Polyommatus icarus			
Nymphalidae					
14	Painted lady	Vanessa cardui			
Sat	Satyrinae				
15	Wall Brown	Lasiommata megera			

16 Small Heath Coenonympha pamphilus

Moths

	Common name	Scientific name
1	Giant Peacock Moth	Saturnia pyri
2	Jersey Tiger Moth	Euplagia quadripunctaria
3	Latticed Heath	Chiasma clathrata
4	Common Forester Moth	Adscita statices
5	Brown-tail Moth (caterpillars)	Euproctis chrysorrhoea
6	Grass Eggar (caterpillar)	Lasiocampa trifolii
7	Pine Processionary Moth (tents)	Thaumetopoea pityocampa

Other Invertebrates

	Common name	Scientific name
1	7-Spot Ladybird	Coccinella 7-punctata
2	Leaf Beetle	Phyllodecta vitellinae
3	Chafer, black + cream spots	Oxythyria funesta
4	Purple Carpenter Bee	Xylocopa violacea
5	An Ascalaphid	Libelloides coccajus

Mammals

Common name	Scientific name
Red Fox	Vulpes vulpes

Reptiles (H = heard only)

	Common name	Scientific name	
1	Common Tree Frog	Hyla arborea	Н
2	Edible Frog	Rana esculenta	Н
3	Pool Frog	Rana lessonae	Н
4	Green Lizard	Lacerta viridis	\checkmark
5	Italian Wall Lizard	Podarcis sicula	\checkmark
6	Sicilian Wall Lizard**	Podarcis wagleriana	\checkmark