# **Spring Birding in Sicily**

## Naturetrek Tour Report

15th - 21st April 2022

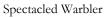




Archimedes' Tomb

Woodchat Shrike







Eastern Dappled White

Tour report and images by Luca Boscain



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## Day 1 Friday 15th April

Fontanarossa airport (Catania), Agriturismo Pozzo di Mazza and Capo Murro di Porco

We landed in Catania on time and, despite the deep haze, people that were by the windows managed to see clearly the massive shape of the Mount Etna, the highest volcano in Europe. Here we met Luca, the local guide, at the arrivals gate, while Taea, the other leader, had travelled with us on the plane from Britain.

Out of the airport, unfortunately we had to wait for the two minibuses. Never mind, many of us took out the binoculars from the rucksacks and observed the first Spotless Starlings, typical of North Africa, the Iberian peninsula, Sardinia and Sicily, a single Cattle Egret and some Italian Sparrows, that in Sicily often share strong black patterns of Spanish Sparrow because of past genetic flows: Italian Sparrow, one of the only two subendemic species of birds in Italy, is in fact considered an established hybrid in between Spanish and House Sparrow.

We had lunch in a rather authentic Sicilian cafe, receiving a selection of local street food with *arancini* (fried rice balls stuffed with different ingredients), *mozzarelle in carrozza* (fried mozzarella sandwiches), *panzerotti* and pizza. Then we drove south along a comfortable motorway for about an hour, observing a White Stork and admiring a large variety of roadside flowers that included Italian Sainfoin (*Sulla coronaria*), Spanish Broom (*Spartium junceum*), Purple Viper's-bugloss (*Echium plantagineum*), Giant Fennel (*Ferula communis*) and many more.

We arrived at the Agriturismo Pozzo di Mazza, not far from Syracuse, our base for the week, finding a lovely ancient complex of rural buildings in original Sicilian style, surrounded by luxuriant gardens plenty of Mediterranean and exotic flowering trees, palms and flowerbeds, and we had about 40 minutes to settle down in the new rooms. In few minutes Ken spotted a Willow Warbler in the vegetation, a good sign of the migration going on in the area.

At 3.30 we left, heading to Capo Murro di Porco, the most prominent peninsula south of Syracuse: in spring it is usually a great place where to look for migrant birds arriving from south of the Mediterranean Sea and in fact the cloudy sky was filled with Barn Swallows, House Martins and Common Swifts, among which also we noticed some Sand Martins and one or two Red-rumped Swallows. Scanning round, we quickly spotted a number of Whinchats, Sardinian Warblers and Crested Larks, all showing well on the top of thistles or shrubs, while few Yellow Wagtails crossed in flight. Going through the maquis of Mediterranean Dwarf Palms (*Chamaerops humilis*), Spiny Burnet (*Sarcopoterium spinosum*), Tree Spurge (*Euphorbia dendroides*) and Spiny Asparagus (*Asparagus acutifolius*), we flushed a couple of Tree Pipits.

In the clearings the flora was incredible, with a multi-coloured mix of bluish Barbary Nut (Moraea sisyrinchium), Love-in-a-Mist (Nigella damascena) and Statice (Limonium sinuatum), deep pink Italian Gladiolus (Gladiolus italicus), whitish Pale Bugloss (Echium italicum) and Bellardia (Bellardia trixago), reddish Starry Clover (Trifolium stellatum), Mediterranean Star-thistle (Centaurea sicula) and Crown Daisy (Glebionis coronaria), etc.

Behind a stone wall we could see, through the telescope, a nice male of Woodchat Shrike with its dark red cap, while later on, behind Dwarf Palms, Mastics (*Pistacia lentiscus*) and brooms (*Calicotome* cfr. *infesta*), Luca spotted an odd wheatear perched on the limestones eroded by the waves, the saltiness and the wind, not far from the seaside. Checking carefully by telescope, despite the distance, the wet plumage and a general colour, browner than usual, we noticed the wings with the same tinge of the mantle, the black bridles and the tail, with buff instead of white, but also with a broader black bar at the end than in usual Northern Wheatears: an Isabelline Wheatear, a very rare migrant in Italy! We tried hard to get closer, but the bird was shy.

Coming closer to the seaside, Conny noticed some birds flying above the surface: by telescope we recognized a flock of 70-80 Yelkouan Shearwaters and a couple of far Sandwich Terns, while nearer crossed Yellow-legged and Audouin's Gulls, showing better their yellow and dark red bills.

Then we came back happy to the agriturismo and we met again at 7.15pm to list the species seen during the day, while outside was blowing a freezing strong wind. For supper, at 8pm., we had an appetizer of savoury cakes with vegetables, then a primo made of pasta with fish and cherry tomatoes, a secondo (the main course) with sardines and, finally, the typical Sicilian cannoli as pudding.

## Day 2

## Saturday 16th April

#### Pantano Cuba and Pantano Longarini

We met at 7am for a pre-breakfast walk in the garden of the agriturismo. We noticed a lot of Italian and Tree Sparrows, on the roofs, and some Serins, showing well on the top of the trees, plus a couple of Turtle Doves perched on a wire. It was harder to get a decent view of the Wood, Willow and Sardinian Warblers that were hopping in the deep foliage. We discovered a great view point from a terrace behind the main building, enjoying the panorama to the crop fields, then we went through a sort of orchard, next to the swimming pool. A male Lesser Kestrel Flew over, followed few minutes later by a flock of 103 Gull-billed Terns: one of the amazing surprises of migration, Gull-billed Terns in the garden!

After a tasty breakfast with freshly homemade cakes, yogurt and ricotta cheese, looked after by Carmen, we left at 9am. We stopped near Avola to shop for the picnic lunches and then we drove south half an hour more, to Pantano Cuba. The meaning of pantano in Sicily is brackish water lake, and those of Cuba and Longarini form one of the crucial migratory stop-overs for European birds. They used to be, until a few years ago, the paradise of poachers, being the first land that a migrant bird from Africa encounters on its way and the Italian rules and patrolling about the illegal hunting being usually too weak. When we came out of the minibuses, we were welcomed by two scuffling Whinchats, three Caspian Terns on passage and last, but not least, by Paolo, one of the guys that work here, giving their soul to the project that involved the area. The Stiftung pro Artenvielfalt, a German non-profit foundation, invested here, in fact, almost 3.5 million euros in order to buy the territory of the two lakes and surrounding areas, enclosing them with a fence in order to exclude every poacher, and to re-wild the habitats, once covered in garbage, green houses and even an illegal horse racecourse.

Paolo showed us the many installations they settled to improve the biodiversity, from the nests for the solitary bees *Megachile sicula*, to the stacks of stones or the logs for reptiles, the nest-boxes for passerines and bats, the perches in the middle of the meadows, etc. We walked through amazing meadows in bloom and, on a corner,

checking more carefully, we noticed many orchids: Naked Man Orchid (Orchis italica), Scented Orchid (Anacamptis coriophora fragrans), Small-flowered Tongue-Orchid (Serapias parviflora), the endemic Ophrys holoserica subsp biancae, and, unfortunately now over, Early Spider Orchid (Ophrys sphegodes) and Giant Orchid (Himantoglossum robertianum). But there were also Tassel Hyacinths (Muscari, formerly Leopoldia, comosum), broomrapes (Orobanche crenata and O. nana), Purple Salsify (Tragopogon porrifolius) and Small-flowered Catchfly (Silene gallica), to just mention a few other species of flowers.

From the bank of the Pantano Cuba, behind the reeds, we saw the first Greater Flamingos, while a number of Black-winged Stilts and Wood Sandpipers flew over our heads. The water level was very high, preventing the presence of many waders, but we spotted four Ferruginous Ducks, a male Red-crested Pochard, Garganey, Coots, Great Crested and Black-necked Grebes, well adapted to deeper waters. Unfortunately, there was a strong wind, so only Luca and Paolo managed to hear many Yellow Wagtails and Tree Pipits in flight and, among them, even a Richard's Pipit and a couple of Red-throated Pipits. Easier to hear were the innumerable Zitting Cisticolas and Cetti's Warblers, and we enjoyed notice the lively flight of the Hoopoes. On another corner, at one side of the enclosure that was going to host in a week some donkeys, useful to keep the grass short in some areas, Paolo pointed us Bumble Bee Orchid (Ophrys bombyliflora) and Eastern Serapias (Serapias orientalis siciliensis).

For lunch we were sheltered from the wind by the headquarter of the foundation, trying during the picnic a selection of Italian cheeses, from the blue gorgonzola to the yellow saffron-flavoured *piacentino ennese*.

Later we explored a labyrinth of hedges with Mastics, Olive trees, Dwarf Palms, etc, all planted one by one by Paolo and his colleagues, and a number of canals, ponds and marshes, looking for migrant passerines, amphibians or dragonflies, but we could only spot some endemic Sicilian Pond Turtles (*Emys trinacris*). Then we continued, on the other side of the road, to Pantano Longarini, where we had tens of Little Egrets, among which were a Great and a Cattle Egret in breeding plumage, two very close Greater Flamingos, some Great Crested Grebes in courtship and Common Terns in flight. We were looking first of all for the Isabelline Shrike reported a week ago but, with the strong wind, we couldn't see anything better than a female Collared Flycatcher. Even the blue sky was empty of raptors or swallows in the afternoon. Never mind, the excursion with Paolo was brilliant, and their conservation and restoration work in such a short time astonishing, so we complimented him strongly when we left the reserve.

Before heading back to Pozzo di Mazza, we drove slowly along a narrow road seeing a male Pied Flycatcher, a Purple Heron in flight and few Wood Sandpipers, and we reached the northern side of Pantano Longarini. From here we walked along a flowered bank, surrounded by Gull-billed and loud Little Terns in flight. We scanned by telescope a couple of artificial islands, but, because of the strong wind and the distance, we couldn't identify the silhouettes in backlight of anything better than Shoveler, Greenshank and Black-winged Stilt.

In the evening we celebrated Ken's birthday with a wonderful supper that included *arancini*, *capunata* (chopped fried aubergines with other vegetables), *pasta alla norma* (with tomato, aubergines and ricotta cheese), chicken and a delicious cake with ricotta cheese.

Day 3

## Sunday 17th April

Cava Grande del Cassibile, Pantano Morghella and Marzamemi

For the pre-breakfast walk we went through a lemon tree plantation: we heard a Common Nightingale singing from an Oleander hedge, then we saw a Whinchat and a passage of Common Swifts, Barn Swallows, House and Sand Martins in flight, heading to the south, apparently escaping from the bad weather. The morning surprise was today a flock of six Greater Flamingos, crossing over and possibly migrating to the north. Being Easter Sunday, in addition to the usual breakfast, we found a tasty *colomba*, a typical Italian Easter cake, with chocolate, almonds and candied orange bits.

Then we drove south again and, from Avola, we started to climb a bendy road in between two true walls of colourful flowers like Italian Gladiolus, Red Valerian, Hairy Vetch (*Vicia villosa*) and a number of spurges and brooms. We stopped by a view point where we enjoyed a great panorama to the town of Avola, famous because of its *Nero* wine, the Ionian Sea and the ancient terracing along the hill slopes, once all covered in cultivation, but once again the wind was extremely strong.

After passing a convent on a prominent point, we went through a sparse village of summer houses and we stopped to look out into a little valley further on, where the breeze was weaker. Luca had just got out of the minibus when he heard the clear call of a Sicilian Rock Partridge. In few seconds he spotted by telescope a male partridge singing on a stone wall on the other slope of the valley, far maybe 300-400 metres from us. We could all appreciate calmly by telescope the bird, noticing the browner back in comparison with the alpine Rock Partridges and the barred flanks, until Conny discovered there was also a female, few metres behind the male. In the meadow below us, among hundreds of Branched Asphodels (*Asphodelus ramosus*), there were some glorious Naked Man Orchids (*Orchis italica*), Ploughshare (Long-lipped) Serapias (*Serapias vomeracea*) and Bearded Iris (*Iris yermanica*), while keeping scanning by binoculars, we found a singing male Cirl Bunting, a couple of Rock Sparrows and the first Stonechat of the trip.

We continued among the stone walls of the Hyblean upland till the car park of Cava Grande, a gorge almost 500 metres deep where the river Cassibile flows, forming a number of green water pools, very popular among tourists in summer. After a quick stop for a coffee or facilities, we explored the edges of the gorge, admiring the landscape and looking for flora: in the rocks, we spotted the first tiny Mirror Orchids (*Ophrys speculum*) and Luca told us how to distinguish the Yellow Bee (*Ophrys lutea*), large with an angled profile of the lip, from the Lesser Yellow Bee Orchids (*Ophrys lutea* subsp. *galilaea*, formerly *O. sicula*), smaller with a flat lip and a dark swallow tail like pattern.

Those were the first of a long series of orchids we encountered: Naked Man Orchid again, then Pink Butterfly Orchid (Anacamptis papilionacea subsp. expansa), Sombre Bee Orchid (Ophrys fusca), Long-lipped Serapias, and a number of other wonderful flowers like Broad-leaved Anemone (Anemone hortensis), Kidney Vetch (Anthyllis vulneraria subsp. maura), Pink Cistus (Cistus creticus), Perfoliate Alexanders (Smyrnium perfoliatum subsp. rotundifolium), Friar's-Cowl (Arisarum vulgare) and Valeriana (Fedia) graciliflora.

We went into a scattered woodland of Aleppo Pines, Hawthorns and Manna Ashes, hearing the calls of various flycatchers and warblers, but we had to struggle a lot to finally spot a Pied Flycatcher and a Subalpine Warbler in the foliage. With a hint of sunshine, in addition to six Ravens, a Hobby and some Woodlarks in territorial song,

few butterflies started to fly: Common Swallowtail, Small Heath, Orange Tip and Austaut's Blue (*Polyommatus celina*), the North African version of Common Blue. A male Golden Oriole crossed in flight going to perch not far and in the open on a pine, allowing to most of the group to have a decent view through the telescope.

Then we moved, along cattle trails, to an area with more sparse vegetation and, after some search, we found pair of Spectacled Warblers of which male showed perfectly for a while on the top of a shrub. On the stone wall that sided the path, we noticed some more species of orchids: Man Orchid (*Orchis anthropophora*), Long-spurred (Green-winged) Orchid (*Anacamptis morio* subsp. *longicornu*), Sawfly Orchid (*Ophrys tenthredinifera*), Dark Bee Orchid (*Ophrys sphegodes* subsp. *atrata*), *Ophrys exaltata* and Giant Orchid, once again over.

The weather got worse quickly and, when it started to thunder, we came back to shelter under the roof a restaurant, where Luca and Taea had prepared a picnic with some yellow melon slices as well. It was definitely a perfect timing, we could say, because the thunderstorm with heavy rain lasting right for the time of lunch, stopping when we finished eating.

The sunshine came up again, so we tried a second time to look out of a derelict terrace, into the gorge, and we spotted a very obliging male Blue Rock Thrush that stayed for ages while we were spying it through the telescope.

Later we drove for about an hour to the south-eastern corner of Sicily, visiting the Pantano Morghella, another brackish water lake not far from the Ionian Sea.

Here we added Little Grebe, Grey Heron, Moorhen and 12 Squacco Herons, having rest on a grassy bank, and we met the famous Italian ornithologist Andrea Corso with another group of birdwatchers, who showed us a poor Short-eared Owl unfortunately found dead.

Among the dry grass, there were still a lot of flowers like Blue Statice, Large-flowered Golden Thistle (*Scolymus grandiflorus*), Upright Yellow-Flax (*Linum strictum*), Small Restharrow (*Ononis reclinata*) and Spiny Starwort (*Pallenis spinosa*) and light blue and red patches of Blue Stonecrop (*Sedum caeruleum*).

We celebrated the great day in the field driving to Marzamemi, a lovely fishermen village along the coast where we encountered all the best of the Italo-sicilian style, with thousands of people on walk, after the rich Easter banquet, along the seaside with their coolest clothes and dresses. Here we had a deserved Italian ice cream in an award-winning gelateria and then we looked out to the ancient saltpans, seeing Flamingos, Black-winged Stilts and eight Ruffs, apparently careless of the thick crowd.

We came back to the Pozzo di Mazza at almost 7pm. and, one hour later, we had another rich dinner with bruschette, pizza, pasta with ricotta cheese and zucchini, swordfish and strawberries.

Coming out, a Scops Owl was singing, before the arrival of another night thunderstorm.

## Day 4

## Monday 18th April

#### Saline di Priolo and Penisola Magnisi

With the bad weather of the night, it was worth having a good look in the garden for migrants so, early in the morning, we went around the swimming pool and we had a good time seeing male Pied and Collared Flycatchers, Whinchat, Wood and Willow Warbler plus another flock of Flamingos on transfer in the cloudy sky.

After breakfast, we drove half an hour north to the Saline di Priolo and, when we arrived, there were still few raindrops, but also a hint of sunshine. We were welcomed by the incredibly friendly staff of LIPU, the Italian partner of Birdlife International, that manages the protected area and we were introduced to the history of the reserve. The ancient saltpans were in fact heavily polluted by the nearby industrial area and an oil pipeline used to cross the wetland, while now, with a great recovery plan, the quality of the water has improved strongly, allowing the Flamingos to start to breed for the first time in Sicily. The bad news was however that most of the reserve had been burnt by a criminal fire in July 2019 and the vegetation was still recovering, while the funds to rebuild the hides were waiting to be approved by the usually slow politics. While listening, five Bee-eaters crossed in the sky, then two Hoopoes, two Woodchat Shrikes and a Pied Flycatcher appeared: a great start indeed! We walked through the bush to the former capanno 4, a hide destroyed by the fire. The wet grass of the path was filled with tens of Painted Frogs, most of them neo-metamorphosed ones, but also few adults. Among the many flowers, the first butterflies began to climb the stems, trying to heat up, including Eastern Dappled White (Euchloe ausonia), Small Heath (Coenonympha pamphilus), Austaut's Blue and Small White (Pieris rapae).

Nearby the former pipeline that used to be the footbridge to the hide, there were plenty of Greater Flamingos feeding in the deep water, while on the other side Italian Edible Frogs (*Pelophylax* cfr. *hispanicus*) were in full singing contest, despite the also loud calls of the Flamingos and the much less natural traditional Italian music sounding from the close beach: at least we had the satisfaction that the bad weather reduced the disturbance of Pasquetta (Easter Monday), a national bank holiday in Italy.

From the *capanno 3*, the only surviving hide, unfortunately the Flamingos were much further away, possibly trying to escape the loud music, so we only saw some Barn Swallows and Sand Martins, flying above the water surface, one Gadwall and a couple of male Shoveler. Coming back first to prepare the picnic on some tables and seats in the shade of the trees, Luca and Taea observed Spotted Flycatcher, Common Redstart and Lesser Whitethroat. The lunch included pizzette and beautiful bundles filled with vegetables and cheese. Unfortunately, black clouds started to gather again at the horizon.

In the afternoon, we went along the isthmus of the Penisola Magnisi, next to an abandoned establishment of industrial storage, and, in the foliage of tamarisks and figs, we noticed first a Pied Flycatcher among tens of Italian Sparrows, then an unexpected Wryneck appeared on a pole, showing for few seconds in the telescope. Later we climbed the edge of the peninsula in a sea of multi-coloured thistles, like *Scolymus grandiflorus*, *Silybum marianum* and *Notobasis syriaca*: as usual, with the bad weather, there were plenty of fallen migrants. Amazingly, four or five Common Whitethroats were hopping on the posts, together with two Woodchat Shrikes, Subalpine Warbler, Whinchat, Sardinian Warbler. Then, while we were threatened by the rain on arrival above the far refineries, we had a singing Corn Bunting in the distance, we flushed a Curlew and a Greater Short-toed Lark landed not far from us in the middle of the path, allowing few good shots! Luca had just heard a Red-throated

Pipit when the heavy shower started: we ran to the minibuses, but we were rather far and we got completely wet. The thunderstorm continued, so we decided to finish with the field activities and to come back earlier than usual to the hotel.

In the evening, Luca settled the moth trap and used a bat detector to identify the bats that were flying around as Kuhl's Pipistrellus (*Pipistrellus kulhii*), one of the commonest urban species in Italy.

For supper we had capuliatu pasta, sausages, spicy meatballs and homemade lemon jelly.

## Day 5

## **Tuesday 19th April**

#### Mount Etna

In the morning there wasn't anything in the trap, probably because of the still cool night temperatures, but a couple of Diamondback Moths (*Plutella xylostella*) and a Silver Y, while the clear air allowed incredible view of the Etna peak covered in fresh snow even if it was further than 100 kilometres away. In the orchard, there were two Collared Flycatchers, male and female, a male of Common Redstart, Whinchat and Common Whitethroat, plus about 40 Bee-eaters that crossed in flight.

We left about a quarter earlier than usual, then in less than an hour and half of driving, first along the motorway and then in an intricate network of crowded narrow roads, we arrived in the foothill of a secondary crater of Mount Etna, not far from Nicolosi, called Monti Rossi.

After a steep start, the walk continued almost in flat with the first observation of a Coal Tit, followed by a pair of obliging Firecrests. In the shade of the undergrowth, below the Austrian Black Pines, we found carpets of the introduced Narrow-leaved Lupins (*Lupinus angustifolius*), but also of the endemic race of Green-winged Orchid *longicornu*, with here and there few Branciforti's Orchids (*Orchis brancifortii*), similar to the Four-spotted Orchid but with a much shorted trilobed lip and endemic to Sicily, Sardinia and Calabria.

Then on a stone wall our attention was kept by a number of short delicate plants: Narrow Navelwort (Umbilicus horizontalis), Spring Cress (Arabis verna) and Early Forget-Me-Not (Myosotis ramosissima). When the woodland of pines, Holm and Downy Oaks got more open, Luca pointed us first a Short-toed Treecreeper and then a male of Rock Bunting that showed well in the telescope for minutes. The path continued along a slope where the dark and fertile volcanic ash was colonized by an amazing mix of flowers: Red Valerian, Woad (Isatis tinctoria), Crimson Pea (Lathyrus clymenum), Field Marigold (Calendula arvensis), Long-headed Poppies (Papaver dubium) and many more. The crater side was orientated to the south, so with the heat there were a lot of butterflies around like a female of Eastern Orange Tip (Anthocharis damone), Green-underside Blue (Glaucopsyche alexis), Small Copper (Lycaena phlaeas) and Large White (Pieris brassicae). A Sicilian Long-tailed Tit appeared for few seconds, enough to show the light brown head, typical of this endemic subspecies, and the long tail.

Later we came back to the minibuses, and we climbed through the lava fields and the patches of the endemic Etna Broom (*Genista aetnensis*). We stopped briefly at a woodland of Sweet Chestnuts, near Monte Concilio to look for orchids: most of them were still in bud, but a stunning Roman Orchid (*Dactylorhiza romana*) bent over,

promptly straighten by Luca with a twig to allow better photos. In the distance we heard the calls of Nuthatch, Blackcap and Chiffchaff, but we had no sightings.

For lunch we went to the Terrazza sull'Etna: a nice self-service restaurant where we could choose a delicious *tris* di primi and salads. In the early afternoon there was no queue at the ticket office of the cable car, so, we climbed smoothly the Etna slopes to an altitude of 2,500 metres. While we were waiting for the 4x4 vehicle, we spotted a Raven in flight. The ascent of the dark ash and pumice fields, with patches of white snow here and there and the shapes of a number of secondary craters, all with a bright sunshine, was quite something.

At an altitude of about 2,700metres, we descended from the coach and followed local volcanologist guide who led us, with tentative but understandable English, along a path to a view point into the Valle del Bove, the valley where most of the eruptions flow, but it was unfortunately covered in clouds. We could see clearly, instead, the three summit craters with fumaroles and yellow sulphur. The strong wind stole Ian's hat: possibly a tribute to the volcano god.

We came back to the restaurant for a coffee break, then we went for a short wander to Piano Vetore: the panorama was gorgeous with glimpses of warm afternoon light on the snowy summit and on the black stripes of solidified lava in the yellow of the grass. There were few birds around: Northern Wheatear, Stonechat, Woodlark, so Luca pointed used the telescope to point out an example pahoehoe lava instead. The flat meadows were all dry, with just few blue flowers of the endemic Etna Violet (*Viola aethnensis*) and the spiny leaves of the also endemic Sicilian Milk-vetch (*Astragalus siculus*).

The trip back to Pozzo di Mazza, despite some traffic, went peacefully and we arrived at the agriturismo at about 7pm, ready for another good dinner with pasta with lemon sauce and sea bream.

Day 6

Wednesday 20th April

Vendicari and Syracuse Archaeological Park.

The pre-breakfast walk, today with the sunshine, offered fewer migrants than usual, with just a glimpse of a Golden Oriole for Luca, but in the fresh air of spring we noticed the Tree Sparrows mating on the roof, some noisy flocks of Common Swifts and two Moorish Geckos heating up on a stone wall.

After a short stop at the supermarket in Avola, we drove south to the Nature Reserve of Vendicari. Here we walked along the road to the entry but, despite searching, we missed the skinks on the stone walls, finding only more Moorish Geckos and Italian Wall Lizards. The path continued siding some eucalyptuses and penetrated in a reedbed where we saw a Common Reed Warbler, while a Cetti's Warbler was only heard.

We reached the wonderful beach of Vendicari, one of the most popular among the tourists in summer, and we noticed thousands of odd little sea balls: the aegagropila of the Neptune-grass, an underwater plant that forms vast prairies, one of the most important habitats of the Mediterranean Sea. While we were admiring the shape of ancient tuna factory and the Swabian tower on the horizon, some small flocks of Flamingos flew through the sky, followed by four Spoonbills.

Then we followed the seaside, walking among the garigue of the dunes with Large-fruited Junipers (Juniperus macrocarpa), mastics and olive trees and we spotted a lot of interesting flowers like Bee Orchid (Ophrys apifera), Yellow-Wort (Blackstonia perfoliata), Rosy Garlic (Allium roseum), and few birds like Sardinian Warbler and Linnet. Arriving at the southernmost hide, the water level of the lagoon was very high, allowing the presence only of some Greater Flamingos, so we retraced our footprints, heading to the tuna factory that appeared in an episode of the famous Montalbano series. We first observed a Woodchat Shrike on a shrub, then we scanned the northern lagoon from a number of viewpoints. Luca, using his book, told us how to distinguish the different species of waders, often far in the haze, and pointed the pink of the Slender-billed Gull, just behind the first hedge of bushes.

From another small hide, we had much better views of the waders, admiring many of them closer and noting the distinctive features of each species: Ruff, Curlew Sandpiper, Spotted Redshank, Dunlin, Little Stint, Ringed and Kentish Plovers, mainly almost in breeding plumage, despite still being on migration to their nesting grounds in Northern Europe. While Luca and Taea headed back to the minibuses to prepare the picnic in the shade, we stopped by a third hide, nearby which an Italian Festoon (*Zerynthia cassandra*) briefly appeared.

After lunch, we drove north to Syracuse, where we visited the archaeological park called Neapolis, the Greek and Roman "new town" out of the city walls of Ortigia, the old city centre. Going through some luxuriant gardens with large shading trees, we reached the *latomie*, some ancient quarries, spotting an unexpected Peregrine Falcon in fast flight. Here we discovered that, after many years, many trails were finally opened again allowing visits the lesser-known side of the archaeological park. We went first among the citrus groves, noticing the tens of square holes in the cliffs, remains of ancient tombs, and then we continued, enjoying the shade of a monumental centenary Moreton Bay Fig (*Ficus macrophylla*) on the way, to the so called "Archimedes' tomb".

Then we came back to the most famous "Ear of Dionysus", a weird shaped artificial cave, we found the first of three female Collared Flycatchers in the garden, and we continued climbing the steps of the Greek Theatre. Still used in summertime, the stone seats were now covered with timber and in the scene was settled a large staircase for shows.

In the crevices of the pale limestones, we noticed many Italian Wall Lizards and tiny flowers like Ground-pine (Ajuga chamaepitys), Sicilian Snapdragon (Antirrhinum siculum), Small Restharrow, Thin Leaf Brookweed (Samolus valerandi) and Rock Capers (Capparis spinosa subsp. rupestris). From the top of the theatre, we had a great view to the bay behind and we saw the refreshing waterfall of the Nymphaeum, alimented by an ancient aqueduct. We finished with a loop around the "Ara di Gerone" altar and the Roman Amphitheatre, seeing a Pied Flycatcher, a Common Redstart and some more Bee-eaters on migration.

At 6pm, we were at Pozzo di Mazza, plenty of time to pack our suitcases before a dinner with the inevitable pasta, a meat roll with pistachio, a pancake filled with ricotta cheese and, to finish, our daily shot of homemade limoncello.

A melancholic Scops Owl came by night to sing not far from our rooms.

Day 7

**Thursday 21st April** 

#### Fontanarossa airport (Catania)

This morning we had an early start and a light breakfast of a slice of cake and some coffee, because it was the last day, and the flight was scheduled rather early. We were all ready at 7.35am by the minibuses for loading and we drove for about an hour to the Catania airport. On the way we saw once again two White Storks on the nesting poles nearby the Simeto river.

We said goodbye to Luca and Taea, who had a a second Sicilian tour, and we had plenty of time to give our suitcases to the check-in desk and to wait for our flight at 11.05am.

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## **Species lists**

Birds (H = Heard only)

				Α	pril 20	22		
Common name	Scientific name	15	16	17	18	19	20	21
Common Shelduck	Tadorna tadorna		4	4			10	
Garganey	Spatula querquedula		10	2				
Northern Shoveler	Spatula clypeata		4		2			
Gadwall	Mareca strepera				1			
Eurasian Wigeon	Mareca penelope		4					
Mallard	Anas platyrhynchos		10	2				
Red-crested Pochard	Netta rufina		1					
Ferruginous Duck	Aythya nyroca		4					
Sicilian Rock Partridge	Alectoris graeca whitakeri			2				
Common Swift	Apus apus		✓	50	✓	✓	✓	✓
Pallid Swift	Apus pallidus		1					
Rock Dove / Feral Pigeon	Columba livia	✓	<b>√</b>	<b>√</b>	✓	✓	<b>√</b>	
Common Wood Pigeon	Columba palumbus	<b>√</b>						
European Turtle Dove	Streptopelia turtur		3				Н	

					pril 20		1	
Common name	Scientific name	15	16	17	18	19	20	2
Eurasian Collared Dove	Streptopelia decaocto	✓	<b>√</b>	✓	✓	✓	✓	✓
Common Moorhen	Gallinula chloropus			2	3H			
Eurasian Coot	Fulica atra		50	50	30		10	
Little Grebe	Tachybaptus ruficollis			2	Н			
Great Crested Grebe	Podiceps cristatus		20	5			3	
Black-necked Grebe	Podiceps nigricollis		10					
Greater Flamingo	Phoenicopterus roseus		200	50	100		400	
Eurasian Stone-curlew	Burhinus oedicnemus		Н					
Black-winged Stilt	Himantopus himantopus		20	10	2		10	
Pied Avocet	Recurvirostra avosetta						1	
Common Ringed Plover	Charadrius hiaticula						1	
Kentish Plover	Charadrius alexandrinus						2	
Eurasian Curlew	Numenius arquata				1		2	
Ruff	Calidris pugnax			8			20	
Curlew Sandpiper	Calidris ferruginea						10	
Dunlin	Calidris alpina						5	
Little Stint	Calidris minuta						5	
Common Sandpiper	Actitis hypoleucos			1			1	
Common Redshank	Tringa totanus			•			1	
Wood Sandpiper	Tringa glareola		9				1	
Spotted Redshank	Tringa grarooia  Tringa erythropus						3	
Common Greenshank	Tringa nebularia		1		Н		2	
Slender-billed Gull	Chroicocephalus genei		- '		11		10	
Black-headed Gull	Chroicocephalus ridibundus		4	2			1	
Audouin's Gull	Ichthyaetus audouinii	5	4					
Yellow-legged Gull	Larus michahellis	10	5	<b>√</b>	<b>/</b>	2	2	
Gull-billed Tern	Gelochelidon nilotica	10	103	V	V			
Caspian Tern	Hydroprogne caspia		3		4			
Sandwich Tern	Thalasseus sandvicensis	2			1		2	
Little Tern	Sternula albifrons		5					
Common Tern	Sterna hirundo		5					
Yelkouan Shearwater	Puffinus yelkouan	70						
White Stork	Ciconia ciconia	1				10		_ 2
Great Cormorant	Phalacrocorax carbo sinensis	1	1		1	•		
Glossy Ibis	Plegadis falcinellus						2	
Eurasian Spoonbill	Platalea leucorodia						4	
Black-crowned Night Heron	Nycticorax nycticorax		1					
Squacco Heron	Ardeola ralloides			13				
Western Cattle Egret	Bubulcus ibis	1	1					
Grey Heron	Ardea cinerea			1	1	1	1	
Purple Heron	Ardea purpurea		1					
Great Egret	Ardea alba		3	1			1	
Little Egret	Egretta garzetta		30	1	3		2	
Sparrowhawk/Northern Goshawk	Accipiter sp.					1		
Western Marsh Harrier	Circus aeruginosus		3	1	1		2	
Common Buzzard	Buteo buteo		1	5	1	2	1	
Eurasian Scops Owl	Otus scops			Н	Н	Н	Н	
Short-eared Owl	Asio flammeus			D				
Eurasian Hoopoe	Upupa epops		5		3		Н	
European Bee-eater	Merops apiaster		3		5	40	<b>√</b>	
Eurasian Wryneck	Jynx torquilla				1	70	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	

			I		pril 20	1	I	
Common name	Scientific name	15	16	17	18	19	20	21
Great Spotted Woodpecker	Dendrocopos major					2H		
Lesser Kestrel	Falco naumanni		1					
Common Kestrel	Falco tinnunculus	5	10	5	2	2	2	1
Eurasian Hobby	Falco subbuteo			1				
Peregrine Falcon	Falco peregrinus						1	
Woodchat Shrike	Lanius senator	1			4		1	
Eurasian Golden Oriole	Oriolus oriolus			1			1	
Eurasian Jay	Garrulus glandarius albipectus		2	2		2	5	
Eurasian Magpie	Pica pica	✓	✓	✓	2	3	3	
Western Jackdaw	Corvus monedula						3	
Hooded Crow	Corvus cornix	✓	1	2	1	5	2	
Northern Raven	Corvus corax			6		1		
Coal Tit	Periparus ater					5		
European Blue Tit	Cyanistes caeruleus	2		2		Н	Н	
Great Tit	Parus major aphrodite	Н	Н	5	5	2	3	
Woodlark	Lullula arborea			2		1		
Crested Lark	Galerida cristata apuliae	5	5	3	5	H	2H	1
Greater Short-toed Lark	Calandrella brachydactyla				1			i i
Sand Martin	Riparia riparia	2	10	20	10	Н		
Barn Swallow	Hirundo rustica	\ \ \	√	√	√ ✓	<b>√</b>	<b>√</b>	<b>1</b>
Common House Martin	Delichon urbicum	\ \ \ \	5	<b>√</b>	<b>√</b>	\ \ \	V	_
Red-rumped Swallow	Cecropis daurica	1	J	V	V	V		
Cetti's Warbler	Cettia cetti	'	3H	3	3		5	
			ЗП	3	3	1	5	
Sicilian Long-tailed Tit Wood Warbler	Aegithalos caudatus siculus		4		1	1		
	Phylloscopus sibilatrix	4	1		1			
Willow Warbler	Phylloscopus trochilus	1	2		1			
Common Chiffchaff	Phylloscopus collybita collybita			4		Н		
Great Reed Warbler	Acrocephalus arundinaceus			1	H			
Sedge Warbler	Acrocephalus schoenobaenus				Н			
Common Reed Warbler	Acrocephalus scirpaceus		2H		3H		3	
Zitting Cisticola	Cisticola juncidis	Н	10	2	5		3	
Eurasian Blackcap	Sylvia atricapilla		1	1	1	3H	3	
Lesser Whitethroat	Curruca curruca				1			
Sardinian Warbler	Curruca melanocephala	5	3	✓	5	Н	10	Н
Eastern Subalpine Warbler	Curruca cantillans cantillans			3		1		
Spectacled Warbler	Curruca conspicillata			2				
Firecrest	Regulus ignicapilla					2		
Eurasian Wren	Troglodytes troglodytes			2	1	3	Н	
Eurasian Nuthatch	Sitta europaea					Н		
Spotless Starling	Sturnus unicolor	✓	10	✓	✓	✓	10	✓
Common Blackbird	Turdus merula	10	5	2	3	3	10	
Spotted Flycatcher	Muscicapa striata		2	1	3		1	
European Robin	Erithacus rubecula	Н				2H		Н
Common Nightingale	Luscinia megarhynchos			2H	Н	Н		
European Pied Flycatcher	Ficedula hypoleuca		1	4	3		1	
Collared Flycatcher	Ficedula albicollis		1	3	1	2	3	
Black Redstart	Phoenicurus ochruros					Н		
Common Redstart	Phoenicurus phoenicurus				1	1	1	
Blue Rock Thrush	Monticola solitarius			1			· ·	
Whinchat	Saxicola rubetra	5	10	5	3	1		
European Stonechat	Saxicola rubicola	+ -		3		1		

			April 2022					
Common name	Scientific name	15	16	17	18	19	20	21
Northern Wheatear	Oenanthe oenanthe					1		
Isabelline Wheatear	Oenanthe isabellina	1						
Rock Sparrow	Petronia petronia			5				
Eurasian Tree Sparrow	Passer montanus		10	✓	✓	2	✓	
Italian Sparrow	Passer italiae	✓	✓	✓	✓	✓	✓	
Western Yellow Wagtail	Motacilla flava	5	10	2		1	1	
White Wagtail	Motacilla alba alba	Н	1		2			
Richard's Pipit	Anthus richardi		1					
Tree Pipit	Anthus trivialis	2	3	2	3			
Red-throated Pipit	Anthus cervinus		2H		Н			
Common Chaffinch	Fringilla coelebs			Н		2H		
European Greenfinch	Chloris chloris			3	2		2	
Common Linnet	Linaria cannabina		10	5	2	5	10	
European Goldfinch	Carduelis carduelis	✓	<b>√</b>	10	10	3	5	
European Serin	Serinus serinus	3	5	✓	2	3	5	Н
Corn Bunting	Emberiza calandra		Н		1		Н	
Rock Bunting	Emberiza cia					3		
Cirl Bunting	Emberiza cirlus			2		Н		

### Other vertebrates

		April 2022						
Common name	Scientific name	15	16	17	18	19	20	21
MAMMALS:								
Western Hedgehog	Erinaceus europaeaus		D	D				
Rabbit	Oryctolagus cuniculus					S	S	
Kuhl's Pipistrelle	Pipistrellus cfr. kulhii				5			
AMPHIBIANS & REPTILES								
Painted Frog	Discoglossus pictus pictus				20			
Italian Edible Frog	Pelophylax cfr. hispanicus				10			
Sicilian Pond Terrapin	Emys trinacris		5					
Italian Wall Lizard	Podarcis siculus	1D	2	<b>√</b>	10	5		
Sicilian Wall Lizard	Podarcis wagleriana			1				
Moorish Gecko	Tarentola mauritanica						6	
Western Whip Snake	Hierophis viridiflavus carbonarius			1				

#### Invertebrates

		April							
Common name	Scientific name	15	16	17	18	19	20	21	
BUTTERFLIES:									
	Papilionidae								
Italian Festoon	Zerynthia cassandra						1		
Swallowtail	Papilio machaon		2	1					
	Pieridae								
Large White	Pieris brassicae					2			

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		4 =			April	1.0		
Common name	Scientific name	15	16	17	18	19	20	21
Small White	Pieris rapae				2			
Eastern Dappled White	Euchloe ausonia				1			
Eastern Orange Tip	Anthocharis damone					1		
Orange Tip	Anthocharis cardamines			5				
Clouded Yellow	Colias croceus		5	3	1	2	1	
	Lycaenidae							
Small Copper	Lycaena phlaeas			1		2		
Green-underside Blue	Glaucopsyche alexis					2		
Austaut's Blue	Polyommatus celina		3	2	2			
	Nymphalidae							
Painted Lady	Vanessa cardui				1			
Red Admiral	Vanessa atalanta					1	2	
Small Heath	Coenonympha pamphilus			10	1	1		
	Hesperidae				•	•		
Mallow Skipper	Carcharodus alceae			1				
Ivialiow Skippei	Carcharouus aiceae			- 1				
MACDO MOTUS: /T - trop E -	field)							
MACRO MOTHS: (T = trap, F =	neid)							
Silver Y	Autographa gamma					1T		
Purple Marbled	Eublemma ostrina					1F		
Pine Processionary-moth	Thaumetopoea pityocampa					S		
Four-spotted	Tyta luctuosa		1F					
Six-spot Burnet	Zygaena filipendulae		2F		5F			
Six-spot Burriet	Zygaeria illiperidulae		21		JI.			
MICDO MOTUS								
MICRO MOTHS	Name of the state	45						
A fairy longhorn moth	Nemophora raddaella	1F						
Diamond-backed Moth	Plutella xylostella					2T		
OTHER BUYERTERS ATEO								
OTHER INVERTEBRATES								
Damselflies and dragonflies								
Island Bluetail Damselfly	Ischnura genei		1		2			
Red-veined Darter	Sympetrum fonscolombi		1					
Other insects								
Nosed Grasshopper	Acrida ungarica		1					
Egyptian Grasshopper	Anacridium aegyptium						1	
Honey Bee	Apis mellifera			х				
A bumblebee	Bombus sp.				х			
A bee-fly	Bombylius medius		1					
Littoral Tiger Beetle	Calomera littoralis						XX	
Seven-spot Ladybird	Coccinella septempunctata					Х		
A longhorn bee	Eucera sp.					1		
A seed bug	Lygaeus creticus					1	2	
A leafcutter bee	Megachile sicula sicula		VV					
			XX				Х	
European Seed-harvesting Ant	Messor capitatus		XX		4			
A mason bee	Osmia cfr. ferruginea				1			
Mediterranean Spotted Chafer	Oxythyrea funesta				X			
A leafcutter bee	Rhodanthidium sp.				1			
A soldier beetle	Trichodes alvearius				Х		Х	
	Xylocopa violacea			1			1	

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		April						
Common name	Scientific name	15	16	17	18	19	20	21
Other invertebrates								
Yellow-legged Pachyiulus	Pachyiulus flavipes		х	х	х	х	х	
(millipede)								

#### **Plants**

Common name	Scientific name Lycophytes	Family	Location (first or best)
Mediterranean Clubmoss	Selaginella denticulata	Selaginellaceae	Cava Grande del Cassibile
Ferns	Leptosporangiate ferns		
Mediterranean Maidenhair Fern	Adiantum capillus- veneris	Pteridaceae	Syracuse Arch. Park (Syracuse)
Rustyback	Asplenium ceterach	Aspleniaceae	Cava Grande del Cassibile
Southern Polypody	Polypodium cambricum	Polypodiaceae	Monte Concilio (Etna)
Conifers	Gymnosperms		
Common Juniper	Juniperus communis	Cupressaceae	Piano Vetore (Etna)
Large-fruited Juniper	Juniperus (oxycedrus) macrocarpa	Cupressaceae	Vendicari
Aleppo Pine	Pinus halepensis	Pinaceae	Cava Grande del Cassibile
Black Pine	Pinus nigra	Pinaceae	Monti Rossi (Etna)
Diagtyladan	Diggt Anglesparms		
Dicotyledon Flowering Plants	Dicot Angiosperms		
Bear's Breeches	Acanthus mollis	Acanthaceae	Vendicari
Sea-Purslane	Atriplex portulacoides	Amaranthaceae	Pantano Longarini
A saltwort	Sarcocornia cfr. fruticosa	Amaranthaceae	Vendicari
Shrubby Sea- blite	Suaeda vera	Amaranthaceae	Pantano Cuba
Mastic	Pistacia lentiscus	Anacardiaceae	Capo Murro di Porco
Wild Carrot	Daucus carota	Apiaceae	Agriturismo Pozzo di Mazza
Field Eryngo	Eryngium campestre	Apiaceae	Pantano Morghella
Giant Fennel	Ferula communis	Apiaceae	Catania
Shepherd's- needle	Scandix pecten-veneris	Apiaceae	Cava Grande del Cassibile
Alexanders	Smyrnium olusatrum	Apiaceae	Syracuse Archaeological Park
Perfoliate Alexanders	Smyrnium perfoliatum rotundifolium	Apiaceae	Cava Grande del Cassibile
Italian Thapsia	Thapsia garganica	Apiaceae	Pantano Morghella
Mediterranean Hartwort	Tordylium apulum	Apiaceae	Cava Grande del Cassibile
Oleander	Nerium oleander	Apocynaceae	Saline di Priolo
Greater Periwinkle	Vinca major	Apocynaceae	Syracuse Archaeological Park
Common Ivy	Hedera helix	Araliaceae	Cava Grande del Cassibile
Corn Chamomile	Anthemis cfr. arvensis	Asteraceae	Cava Grande del Cassibile
A chamomile	Anthemis secundiramea	Asteraceae	Capo Murro di Porco

C	Colombilio mama	Family	Location (final on boot)
Common name	Scientific name	Family	Location (first or best)
Golden-star	Asteriscus aquaticus	Asteraceae	Capo Murro di Porco
Common Daisy	Bellis perennis	Asteraceae	Cava Grande del Cassibile
Hairy Beggarticks	Bidens pilosa	Asteraceae	Syracuse Archaeological Park
Field Marigold	Calendula arvensis	Asteraceae	Cava Grande del Cassibile
A thistle	Carduus cfr.	Asteraceae	Cava Grande del Cassibile
	corymbosus		
Italian Thistle	Carduus	Asteraceae	Cava Grande del Cassibile
A knapweed	pycnocephalus Centaurea napifolia	Asteraceae	Syracuse Archaeological Park
Mediterranean	Centaurea sicula	Asteraceae	Capo Murro di Porco
Star Thistle	Comadica cicara	7101010000	cape mane an reliec
A knapweed	Centaurea	Asteraceae	Vendicari
Durala Milk	sphaerocephala Galactites tomentosus	Actoropoo	Cana Murra di Paras
Purple Milk Thistle	Galacilles lomeniosus	Asteraceae	Capo Murro di Porco
Crown Daisy	Glebionis coronaria	Asteraceae	Capo Murro di Porco
Bristly Oxtongue	Helminthotheca	Asteraceae	Penisola Magnisi
	echioides		
Syrian Thistle	Notobasis syriaca	Asteraceae	Penisola Magnisi
Spiny Starwort	Pallenis spinosa	Asteraceae	Capo Murro di Porco
Mediterranean	Phagnalon saxatile	Asteraceae	Cava Grande del Cassibile
Phagnalon Large-flowered	Scolymus grandiflorus	Asteraceae	Pantano Morghella
Golden Thistle	Goolymao granamorao	Hotoracoac	r aritario Morginolia
Oxford Ragwort	Senecio cfr. squalidus	Asteraceae	Monti Rossi (Etna)
Groudsel	Senecio vulgaris	Asteraceae	Agriturismo Pozzo di Mazza
Milk Thistle	Silybum marianum	Asteraceae	Capo Murro di Porco
A sow-thistle	Sonchus sp.	Asteraceae	Agriturismo Pozzo di Mazza
Slender Sow-	Sonchus tenerrimus	Asteraceae	Pantano Cuba
thistle	To you so so you	A -4	Diana Matana (Etna)
A dandelion	Taraxacum sp.	Asteraceae	Piano Vetore (Etna) Pantano Cuba
Purple Salsify Pale Yellow	Tragopogon porrifolius	Asteraceae	
Dandelion	Urospermum dalechampii	Asteraceae	Capo Murro di Porco
False Hawkbit	Urospermum picroides	Asteraceae	Vendicari
Etna Barberry	Berberis aetnensis	Berberidaceae	Piano Vetore (Etna)
Dyer's Alkanet	Alkanna tinctoria	Boraginaceae	Cava Grande del Cassibile
Borage	Borago officinalis	Boraginaceae	Pantano Cuba
Honeywort	Cerinthe major	Boraginaceae	Pantano Cuba
A hound's-	Cynoglossum	Boraginaceae	Cava Grande del Cassibile
tongue	cheirifolium	· ·	
Blue Hound's-	Cynoglossum creticum	Boraginaceae	Capo Murro di Porco
tongue Purple Viper's-	Echium plantagineum	Boraginaceae	Capo Murro di Porco
bugloss	Lonain plantagineam	Doraginaceae	capo mario ar i cico
Pale Bugloss	Echium italicum	Boraginaceae	Capo Murro di Porco
Small-flowered	Echium parviflorum	Boraginaceae	Cava Grande del Cassibile
Viper's-bugloss	Falsiana afa andarana	Danasinasas	Manti Dani (Etra) (Ianna)
Viper's-bugloss	Echium cfr. vulgare	Boraginaceae	Monti Rossi (Etna) (leaves)
Early Forget-me- not	Myosotis cfr. ramosissimus	Boraginaceae	Monti Rossi (Etna)
Spring Cress	Arabis verna	Brassicaceae	Monti Rossi (Etna)
European Sea-	Cakile maritima	Brassicaceae	Marzamemi
rocket			
White Rocket	Diplotaxis erucoides	Brassicaceae	Agriturismo Pozzo di Mazza
Common	Draba verna	Brassicaceae	Piano Vetore (Etna)
Whitlowgrass Woad	Isatis tinctoria	Brassicaceae	Saline di Priolo
Sweet Alyssum	Lobularia maritima	Brassicaceae Brassicaceae	Capo Murro di Porco
Three-horned	Matthiola tricuspidata	Brassicaceae Brassicaceae	Saline di Priolo
THICC HOINEG	mattinoid tribuspidata	Diaggiouodae	Camile at 1 Hole

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Common name Stock	Scientific name	Family	Location (first or best)
Wild Radish	Raphanus raphanistrum	Brassicaceae	Pantano Cuba
White Mustard	Sinapis cfr. alba	Brassicaceae	Agriturismo Pozzo di Mazza
A mustard	Sinapis cfr. pubescens	Brassicaceae	Cava Grande del Cassibile
Hedge Mustard	Sisymbrium officinale	Brassicaceae	Agriturismo Pozzo di Mazza
Rock Caper	Capparis spinosa subsp rupestris	Capparaceae	Syracuse Archaeological Park
Annual Valerian	Centranthus calcitrapae	Caprifoliaceae	Monti Rossi (Etna)
Red Valerian	Centranthus ruber	Caprifoliaceae	Cava Grande del Cassibile
African Valerian	Valeriana (Fedia) graciliflora	Caprifoliaceae	Cava Grande del Cassibile
Sweet Scabious	Sixalix atropurpurea	Caprifoliaceae	Capo Murro di Porco
Hairy-fruited Cornsalad	Valerianella cfr. eriocarpa	Caprifoliaceae	Syracuse Archaeological Park
Sticky Mouse- ear Chickweed	Cerastium glomeratum	Caryophyllaceae	Pantano Longarini
A catchfly	Silene colorata	Caryophyllaceae	Pantano Longarini
Sand Catchfly	Silene conica	Caryophyllaceae	Monti Rossi (Etna)
Small-flowered Catchfly	Silene gallica	Caryophyllaceae	Pantano Cuba
Bladder Campion	Silene vulgaris	Caryophyllaceae	Capo Murro di Porco
A sand-spurrey	Spergularia sp.	Caryophyllaceae	Pantano Cuba
Common Chickweed	Stellaria cfr. media	Caryophyllaceae	Monti Rossi (Etna)
Pink Cistus	Cistus creticus	Cistaceae	Cava Grande del Cassibile
A bindweed	Calystegia sp.	Convolvulaceae	Syracuse Archaeological Park
Mallow	Convolvulus	Convolvulaceae	Capo Murro di Porco
Bindweed A bindweed	althaeoides Convolvulus	Convolvulaceae	Capo Murro di Porco
A dodder	elegantissimus Cuscuta sp.	Convolvulaceae	Capo Murro di Porco
Starry Stonecrop	Phedimus stellatus	Crassulaceae	Monti Rossi (Etna)
Blue Stonecrop	Sedum caeruleum	Crassulaceae	Pantano Morghella
Thick-leaved	Sedum dasyphyllum	Crassulaceae	Cava Grande del Cassibile
Stonecrop Narrow	Umbilicus horizontalis	Crassulaceae	Monti Rossi (Etna)
Navelwort Squirting	Ecballium elaterium	Cucurbitaceae	Avola
Cucumber Many-flowered	Erica multiflora	Ericaceae	Cava Grande del Cassibile
Heath Large Mediterranean	Euphorbia characias	Euphorbiaceae	Capo Murro di Porco
Spurge Tree Spurge	Euphorbia dendroides	Euphorbiaceae	Capo Murro di Porco
Sun Spurge	Euphorbia helioscopia	Euphorbiaceae	Agriturismo Pozzo di Mazza
Corn Spurge	Euphorbia segetalis	Euphorbiaceae	Capo Murro di Porco
Carnation	agg. Euphorbia cfr. terracina	Euphorbiaceae	Vendicari
Spurge Castor Oil Plant	Ricinus communis	Euphorbiaceae	Cava Grande del Cassibile
Annual Mercury	Mercurialis annua	Euphorbiaceae	Agriturismo Pozzo di Mazza
Coojong (Blue- leaved Wattle)	Acacia saligna	Fabaceae	Capo Murro di Porco
Kidney Vetch	Anthyllis vulneraria subsp. maura	Fabaceae	Cava Grande del Cassibile
Southern Milk- vetch	Astragalus hamosus	Fabaceae	Pantano Cuba
Sicilian Milk- vetch	Astragalus siculus	Fabaceae	Piano Vetore (Etna)

Common name	Scientific name	Family	Location (first or best)
Hairy Thorny Broom	Calicotome infesta	Fabaceae	Capo Murro di Porco
Carob	Ceratonia siliqua	Fabaceae	Saline di Priolo
Shrubby	Coronilla valentina	Fabaceae	Cava Grande del Cassibile
Scorpion-vetch Mount Etna	subsp. <i>glauca</i> Genista aetnensis	Fabaceae	Piano Vetore (Etna)
Broom Red Pea	Lathyrus cfr. cicera	Fabaceae	Pantano Cuba
Crimson Pea	Lathyrus clymenum	Fabaceae	Capo Murro di Porco
Winged	Lathyrus ochrus	Fabaceae	Pantano Cuba
Vetchling Cretan Bird's-	Lotus cfr. creticus	Fabaceae	Vendicari
foot-trefoil			
Grey Bird's-foot- trefoil	Lotus cytisoides	Fabaceae	Capo Murro di Porco
Edible Bird's- foot-trefoil	Lotus cfr. edulis	Fabaceae	Penisola Magnisi
Southern Bird's- foot-trefoil	Lotus cfr. ornithopodioides	Fabaceae	Capo Murro di Porco
Asparagus Pea	Lotus tetragonolobus	Fabaceae	Cava Grande del Cassibile
Narrow-leaved Lupin	Lupinus angustifolius	Fagaceae	Monti Rossi (Etna)
Shore Medick	Medicago cfr. littoralis	Fabaceae	Pantano Cuba
<b>Button Medick</b>	Medicago orbicularis	Fabaceae	Pantano Cuba
A yellow melilot	Melilotus sp.	Fabaceae	Pantano Cuba
Cockscomb Sainfoin	Onobrychis caput-galli	Fabaceae	Capo Murro di Porco
Yellow Restharrow	Ononis natrix agg.	Fabaceae	Pantano Morghella
Small Restharrow	Ononis reclinata	Fabaceae	Pantano Morghella
Black Locust	Robinia pseudoacacia	Fabaceae	Catania
Spanish Broom	Spartium junceum	Fabaceae	Catania
Italian Sainfoin	Sulla (Hedysarum)	Fabaceae	Augusta
	coronarium		
Field Clover	Trifolium campestre	Fabaceae	Capo Murro di Porco
Hairy Trefoil	Trifolium cherleri	Fabaceae	Capo Murro di Porco
Small White Clover	Trifolium nigrescens	Fabaceae	Capo Murro di Porco
Reversed Clover	Trifolium resupinatum	Fabaceae	Agriturismo Pozzo di Mazza
Star Clover	Trifolium stellatum	Fabaceae	Capo Murro di Porco
Bladder Vetch	Tripodion tetraphyllum	Fabaceae	Capo Murro di Porco
Reddish Tufted Vetch	Vicia benghalensis	Fabaceae	Pantano Cuba
A vetch	Vicia leucantha	Fabaceae	Cava Grande del Cassibile
Common Vetch	Vicia cfr. sativa	Fabaceae	Pantano Cuba
Downy Vetch	Vicia villosa	Fabaceae	Cava Grande del Cassibile
Sweet Chestnut	Castanea sativa	Fagaceae	Monte Concilio (Etna)
Holm Oak	Quercus ilex	Fagaceae	Monti Rossi (Etna)
D 0 1		9	· · ·
Downy Oak	Quercus pubescens	Fagaceae	Monti Rossi (Etna)
Yellow-Wort	Quercus pubescens Blackstonia perfoliata	-	· · ·
Yellow-Wort Cut-leaved	<u>-</u>	Fagaceae	Monti Rossi (Etna)
Yellow-Wort Cut-leaved Crane's-bill Dove's-foot	Blackstonia perfoliata	Fagaceae Gentianaceae	Monti Rossi (Etna) Vendicari
Yellow-Wort Cut-leaved Crane's-bill Dove's-foot Crane's-bill	Blackstonia perfoliata Geranium dissectum Geranium molle	Fagaceae Gentianaceae Geraniaceae Geraniaceae	Monti Rossi (Etna) Vendicari Saline di Priolo Cava Grande del Cassibile
Yellow-Wort Cut-leaved Crane's-bill Dove's-foot Crane's-bill Little-Robin	Blackstonia perfoliata Geranium dissectum Geranium molle Geranium purpureum	Fagaceae Gentianaceae Geraniaceae Geraniaceae Geraniaceae	Monti Rossi (Etna) Vendicari Saline di Priolo Cava Grande del Cassibile Cava Grande del Cassibile
Yellow-Wort Cut-leaved Crane's-bill Dove's-foot Crane's-bill Little-Robin Round-leaved Crane's-bill	Blackstonia perfoliata Geranium dissectum Geranium molle Geranium purpureum Geranium rotundifolium	Fagaceae Gentianaceae Geraniaceae Geraniaceae Geraniaceae Geraniaceae	Monti Rossi (Etna) Vendicari Saline di Priolo Cava Grande del Cassibile Cava Grande del Cassibile Agriturismo Pozzo di Mazza
Yellow-Wort Cut-leaved Crane's-bill Dove's-foot Crane's-bill Little-Robin Round-leaved	Blackstonia perfoliata Geranium dissectum Geranium molle Geranium purpureum	Fagaceae Gentianaceae Geraniaceae Geraniaceae Geraniaceae	Monti Rossi (Etna) Vendicari Saline di Priolo Cava Grande del Cassibile Cava Grande del Cassibile

Common name	Scientific name	Family	Location (first or best)
Musk Stork's-bill	Erodium cfr. moschatum	Geraniaceae	Pantano Cuba
Ground-pine	Ajuga chamaepitys	Lamiaceae	Syracuse Archaeological Park
Henbit Dead- nettle	Lamium amplexicaule	Lamiaceae	Monti Rossi (Etna)
A savory	Micromeria cfr. graeca	Lamiaceae	Cava Grande del Cassibile
Jerusalem Sage	Phlomis fruticosa	Lamiaceae	Cava Grande del Cassibile
Prasium	Prasium majus	Lamiaceae	Cava Grande del Cassibile
Greek Sage	Salvia fruticosa	Lamiaceae	Cava Grande del Cassibile
Wild Clary	Salvia verbenaca	Lamiaceae	Cava Grande del Cassibile
An ironwort	Sideritis romana	Lamiaceae	
Felty Germander		Lamiaceae	Capo Murro di Porco Pantano Morghella
Tree Germander	Teucrium capitatum Teucrium fruticans	Lamiaceae	Cava Grande del Cassibile
Conehead Thyme	Thymbra capitata	Lamiaceae	Capo Murro di Porco
Pale Flax	Linum cfr. bienne	Linaceae	Capo Murro di Porco
Upright Yellow- flax	Linum strictum	Linaceae	Pantano Morghella
Hairy Abutilon	Abutilon grandifolium	Malvaceae	Syracuse Archaeological Park
Tree Mallow	Malva arborea	Malvaceae	Marzamemi
Mediterranean Mallow	Malva cretica	Malvaceae	Capo Murro di Porco
Cretan Mallow	Malva cfr. multiflora	Malvaceae	Agriturismo Pozzo di Mazza
Common Mallow	Malva sylvestris	Malvaceae	Pantano Longarini
Common Fig	Ficus carica	Moraceae	Cava Grande del Cassibile
Moreton Bay Fig	Ficus macrophylla	Moraceae	Syracuse Arch. Park (planted)
A gumtree	Eucalyptus sp.	Myrtaceae	Vendicari
Manna Ash	Fraxinus ornus	Oleaceae	Cava Grande del Cassibile
Olive	Olea europaea	Oleaceae	Saline di Priolo
Bellardia	Bellardia trixago	Orobanchaceae	Capo Murro di Porco
Yellow Bartsia	Parentucellia viscosa	Orobanchaceae	Pantano Cuba
Bean	Orobanche crenata	Orobanchaceae	Pantano Cuba
Broomrape			
Common Broomrape	Orobanche minor	Orobanchaceae	Cava Grande del Cassibile
Dwarf Sorrel	Orobanche nana	Orobanchaceae	Pantano Cuba
Broomrape Hairy	Orobanche pubescens	Orobanchaceae	Pantano Longarini
Broomrape Procumbent	Oxalis corniculata	Oxalidaceae	Pantano Cuba
Yellow Sorrel			
Bemuda Buttercup	Oxalis pes-caprae	Oxalidaceae	Agriturismo Pozzo di Mazza
White Ramping Fumitory	Fumaria capreolata	Papaveraceae	Pantano Cuba
Common Fumitory	Fumaria officinalis	Papaveraceae	Agriturismo Pozzo di Mazza
Long-headed Poppy	Papaver dubium	Papaveraceae	Pantano Longarini
Common Poppy	Papaver rhoeas	Papaveraceae	Pantano Cuba
Opium Poppy	Papaver somniferum	Papaveraceae	Syracuse Archaeological Park
Sicilian	Antirrhinum siculum	Plantaginaceae	Capo Murro di Porco
Snapdragon	,	- ·	
A toadflax	Linaria reflexa	Plantaginaceae	Cava Grande del Cassibile
Weasel's-snout	Misopates orontium	Plantaginaceae	Monti Rossi (Etna)
Glandular	Plantago afra	Plantaginaceae	Syracuse Archaeological Park
Plantain Buck's-horn	Plantago coronopus	Plantaginaceae	Capo Murro di Porco
Plantain	Diameters are estable	Dientering	Dentene Lengaria:
Thick- leaved Plantain	Plantago crassifolia	Plantaginaceae	Pantano Longarini

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Common name	Scientific name	Family	Location (first or best)
Hare's-foot Plantain	Plantago lagopus	Plantaginaceae	Syracuse Archaeological Park
Toothed	Plantago serraria	Plantaginaceae	Capo Murro di Porco
Plantain		-	
A sea lavender	Limonium narbonense	Plumbaginaceae	Vendicari
Wavyleaf Sea	Limonium sinuatum	Plumbaginaceae	Capo Murro di Porco
Lavender/Statica A sea lavender	Limonium cfr. syracusanum	Plumbaginaceae	Capo Murro di Porco (leaves)
Scarlet	Lysimachia (Anagallis)	Primulaceae	Pantano Cuba
Pimpernel Brookweed	arvensis Samolus valerandi	Primulaceae	Syracuse Archaeological Park
Broad-leaved	Anemone hortensis	Ranunculaceae	Cava Grande del Cassibile
Anemone Love-in-a-mist	Nigollo domogono	Ranunculaceae	Cono Murro di Doroo
	Nigella damascena Ranunculus muricatus	Ranunculaceae	Capo Murro di Porco
Rough-fruited Buttercup	Ranunculus muncatus	Ranunculaceae	Agriturismo Pozzo di Mazza
White Mignonette	Reseda alba	Resedaceae	Pantano Cuba
Italian Buckthorn	Rhamnus alaternus	Rhamnaceae	Vendicari
Hawthorn	Crataegus monogyna	Rosaceae	Cava Grande del Cassibile
Loquat	Eriobotrya japonica	Rosaceae	Syracuse Arch. Park (planted)
Almond	Prunus amygdalus	Rosaceae	Monti Rossi (Etna)
Blackthorn	Prunus spinosa	Rosaceae	Cava Grande del Cassibile
Almond-leaved Pear	Pyrus spinosa	Rosaceae	Cava Grande del Cassibile
Evergreen Rose	Rosa cfr. sempervirens	Rosaceae	Vendicari
Elmleaf Blackberry	Rubus cfr. ulmifolius	Rosaceae	Saline di Priolo
Thorny Burnet	Sarcopoterium spinosum	Rosaceae	Capo Murro di Porco
Southern Cleavers	Galium cfr. verrucosum	Rubiaceae	Cava Grande del Cassibile
Cleavers	Galium aparine	Rubiaceae	Agriturismo Pozzo di Mazza
Wild Madder	Rubia peregrina	Rubiaceae	Agriturismo Pozzo di Mazza
Field Madder	Sherardia arvensis	Rubiaceae	Cava Grande del Cassibile
Orange	Citrus x aurantium	Rutaceae	Syracuse Arch. Park (planted)
Australian Ngaio	Myoporum cfr. insulare	Scrophulariaceae	Pantano Cuba
Nettle-leaved Figwort	Scrophularia peregrina	Scrophulariaceae	Syracuse Archaeological Park
Wavyleaf Mullein	Verbascum sinuatum	Scrophulariaceae	Pantano Cuba
Tree-of-Heaven	Ailanthus altissima	Simaroubaceae	Syracuse Archaeological Park
Bittersweet	Solanum dulcamara	Solanaceae	Vendicari
Black	Solanum cfr. nigrum	Solanaceae	Syracuse Archaeological Park
Nightshade		_	
a Tamarisk	Tamarix sp.	Tamaricaceae	Pantano Cuba
Basil-leaved Pellitory	Parietaria judaica	Urticaceae	Pantano Cuba
Etna Pansy	Viola aethnensis	Violaceae	Piano Vetore (Etna)
Monocotyledon Flowering Plants	Monocot Angiosperms		
Rosy Garlic	Allium roseum	Amaryllidaceae	Pantano Longarini
Friar's-cowl	Arisarum vulgare	Araceae	Cava Grande del Cassibile
Italian Arum	Arum italicum	Araceae	Cava Grande del Cassibile
Mediterranean Dwarf Palm	Chamaerops humilis	Arecaceae	Capo Murro di Porco
Wild Asparagus	Asparagus acutifolius	Asparagaceae	Capo Murro di Porco
Tassel Hyacinth	Muscari (Leopoldia)		

Common name	Scientific name	Family	Location (first or best)
A star-of-	comosum Ornithogalum sp.	Asparagaceae	Pantano Longarini
Bethlehem Small Asphodel	Asphodelus fistulosus	Asphodelaceae	Saline di Priolo
Branched	Asphodelus ramosus	Asphodelaceae	Capo Murro di Porco
Asphodel			•
Yellow Asphodel	Asphodeline lutea	Asphodelaceae	Monti Rossi (Etna)
Sea Club-rush	Bolboschoenus maritimus	Cyperaceae	Pantano Cuba
Italian Gladiolus	Gladiolus cfr. italicus	Iridaceae	Pantano Cuba
Bearded Iris	Bearded Iris	Iridaceae	Cava Grande del Cassibile
Parhamy Nut	Iris x germanica	Iridaaaa	Cono Murro di Boroo
Barbary Nut Toad Rush	Moraea sisyrinchium Juncus bufonius	Iridaceae Juncaceae	Capo Murro di Porco Saline di Priolo
Scented Orchid	Anacamptis coriophora	Orchidaceae	Pantano Cuba
Green-winged	Anacamptis morio	Orchidaceae	Monti Rossi (Etna)
Orchid	subsp. <i>longicornu</i>	0.0	
Pink Butterfly Orchid	Anacamptis papilionacea ssp.	Orchidaceae	Cava Grande del Cassibile
Offilia	expansa		
Roman Orchid	Dactylorhiza romana	Orchidaceae	Monte Concilio (Etna)
Giant Orchid	Himantoglossum robertianum	Orchidaceae	Pantano Cuba
Common Bee Orchid	Ophrys apifera	Orchidaceae	Vendicari
Bumblebee Orchid	Ophrys bombyliflora	Orchidaceae	Pantano Cuba
Sombre Bee Orchid	Ophrys fusca	Orchidaceae	Cava Grande del Cassibile
A bee orchid	Ophrys cfr. exaltata	Orchidaceae	Cava Grande del Cassibile
A beaked spider orchid	Ophrys holoserica subsp. biancae	Orchidaceae	Pantano Cuba
Yellow Bee Orchid	Ophrys lutea	Orchidaceae	Cava Grande del Cassibile
Lesser Yellow Bee Orchid	Ophrys lutea subsp galilaea (sicula)	Orchidaceae	Cava Grande del Cassibile
Mirror Orchid	Ophrys speculum	Orchidaceae	Cava Grande del Cassibile
Early Spider Orchid	Ophrys sphegodes	Orchidaceae	Pantano Cuba
Dark Bee Orchid	Ophrys sphegodes subsp. atrata	Orchidaceae	Cava Grande del Cassibile
Sawfly Orchid	Ophrys tenthredinifera	Orchidaceae	Cava Grande del Cassibile
Man Orchid	Orchis anthropophora	Orchidaceae	Cava Grande del Cassibile
Branciforti's Orchid	Orchis brancifortii	Orchidaceae	Monti Rossi (Etna)
Naked Man Orchid	Orchis italica	Orchidaceae	Pantano Cuba
Small-flowered Serapias	Serapias parviflora	Orchidaceae	Pantano Cuba
Eastern Serapias	Serapias orientalis (siciliensis)	Orchidaceae	Pantano Cuba
Ploughshare (Long-lipped) Serapias	Serapias vomeracea	Orchidaceae	Cava Grande del Cassibile
Giant Reed	Arundo donax	Poaceae	Pantano Cuba
An oat	Avena sp.	Poaceae	Pantano Cuba
Wall Barley	Hordeum cfr. murinum	Poaceae	Agriturismo Pozzo di Mazza
Hare's Tail	Lagurus ovatus	Poaceae	Capo Murro di Porco
Goldentop Grass Common Reed	Lamarckia aurea	Poaceae Poaceae	Syracuse Archaeological Park
Neptune-grass	Phragmites australis Posidonia oceanica	Posidoniaceae	Pantano Longarini Marzamemi
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Common name	Scientific name	Family	Location (first or best)
Smilax (Rough Bindweed)	Smilax aspera	Smilacaceae	Cava Grande del Cassibile
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Splitgill Mushroom	Schizophyllum commune	Schizophyllaceae	Saline di Priolo
Variegated Foam Lichen	Stereocaulon vesuvianum	Stereocaulaceae	Piano Vetore (Etna)