Puglia in Spring

Naturetrek Tour Report

15 - 22 April 2017



Italian Marbled White by Mary Walmsley



Apulian Orchid by Colin Hughes



Holm Oak by Mermie Karger



Swollen-thighed Beetle on Pink Hawk's-beard by Rosemary Anderson

Report compiled by Jessica Turner and Paul Harmes Images courtesy of Mary Walmsley, Colin Hughes, Rosemary Anderson and Mermie Karger



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Tour Report Puglia in Spring

Tour participants: Jessica Turner and Paul Harmes (leaders) with 15 Naturetrek clients

Summary

This was the first Naturetrek trip to Puglia. We recorded a good range of birds with many Marsh, Hen and Montagu's Harriers on passage. The spring migrants were arriving, with Swifts, Barn Swallows and House Martins abundant and good views of Northern and Black-eared Wheatears, Hoopoes and a magnificent pair of Woodchat Shrikes. We also saw Lanner Falcon and Black Kites well, but the avian highlight must surely be the sheer number of Lesser Kestrels around the fascinating town of Matera. The orchids were breath-taking in their numbers and diversity, especially in the extensive grounds of Parco delle Querce, and we also enjoyed a good range of other Mediterranean spring flowers, many localised to Puglia or with a peri-adriatic distribution, such as the maroon-flowered Figwort *Scrophularia lucida* and the blue spikes of the bellflower *Asyneuma limonifolium* at Capo d'Otranto.

For most of the week we enjoyed bright sun, resulting in stunning views of a turquoise Adriatic Sea and distant views of Albania and Corfu, although there was a cold wind in the second half of the week. With delightful hotels and excellent company, it all made for a very successful week.

Day 1

Saturday 15th April

Gatwick to Bari; transfer to Otranto

The group met with Jessica and Paul at Gatwick Airport's North Terminal for our 9.25am flight to Bari. It was cloudy for much of the way, but we could see the snowy Austrian Alps and the Dolomites, and we approached over the Adriatic coast, landing in warm sunshine. We soon collected our luggage and sorted the vehicles. On the way to the car park, we noted several interesting plants, including the blue form of Scarlet Pimpernel (Anagallis arvensis), Small Asphodel (Asphodelus fistulosus) and a Spiked Star of Bethlehem Ornithogalum narbonense. We set off south towards Otranto; our route took us down the 'Adriatic highway' past Brindisi and round the southern town of Lecce. As we drove, we recorded many Magpies, Common Buzzard, Common Kestrel, two Black Kites and a few Swallows and House Martins, while enjoying the views of the magically blue sea and fields of Poppies and Crown Daisies (Papaver rhoeas and Glebionis coronarium) and the Olive trees; some very old. We stopped for a break at a service station near Lecce, where plants included Mallow-leaved Stork's-bill (Erodium malacoides) and the yellow-flowered Fenugreek Trigonella balansae, and we were introduced to Italian Sparrows.

From Lecce, we drove to Otranto and followed the coast road south, through rocky meadows, soon turning in to the narrow approach road to the hotel. This delightful, converted farmhouse has beautiful views across to the coast and is full of character. Italian Sparrows were calling from the Palm Trees outside the rooms. After a short break, we met in the bar while Jessica outlined some of the plans for the week, before enjoying a delicious dinner. As we retired to bed, Scops Owl was calling from the surrounding trees.

Day 2

Sunday 16th April

Capo d'Otranto; Santa Foca

Some of the group were up early to explore the environs of the hotel. A patch of rough ground, adjacent fields and an old quarry gave Crested Lark, Northern Wheatear and Whinchat, amongst the birds. We started looking at some of the plants, recording the fragrant *Thymus capitatus*, the very deep red form of Kidney Vetch (*Anthyllis vulneraria* subsp. *rubriflora*), Honeywort (*Cerinthe major*) and the narrow-leaved endemic Rock-rose *Helianthemum jonium*, among the plants. After an excellent breakfast, supplemented by mini chocolate Easter eggs as it was Easter Sunday, we set off to explore the local area. We had not gone far down the road when several kestrels were noted. These turned out to be seven Lesser Kestrels, feeding and resting in trees – an excellent start! The explosive call of Cetti's Warbler was heard here, and a female Brimstone noted.

A little further on, north-east of the hotel, we stopped on a rise with views over the sea, to explore an area of limestone rocky meadow. Our attention was first drawn to the large numbers of Pyramidal Orchids (Anacamptis pyramidalis) in various shades of pink, amidst the yellow Jerusalem Sage (Phlomis fruticosa) and pink Hawk's-beard (Crepis rubra). We also found Small-flowered Tongue Orchid (Serapias parviflora), Pink Butterfly Orchid (Anacamptis papilionacea), Tordylium apulum with its strange seed heads looking like false teeth, and many other species. Butterflies were active with many Eastern Bath Whites, Italian Marbled Whites, Small Heath and Wall Brown amongst them. Harriers were on the move, with Western Marsh, Hen and Montagu's Harriers all being seen. Northern and Black-eared Wheatears gave good views, as did Corn Bunting and Crested Lark, and a Hoopoe was glimpsed. We continued to enjoy this small area, moving into a field margin where Field Gladiolus (Gladiolus italicus) and Corn Marigold (Glebionis segetum) were among the plants.

Eventually we moved on, but only as far as the lighthouse at Capo d'Otranto. This is the most easterly point of mainland Italy, closer to the Albanian coast and Corfu than Naples, and is the point where the Adriatic Sea is said to join the Ionian Sea. Continuing in bright sun, but more sheltered from the wind, we walked the path down towards the lighthouse. On these sheltered banks, butterflies were particularly active with Common Swallowtail, Green Hairstreak, Green-underside Blue and Lang's Short-tailed Blue being new. Many black Mining Bees were on the path, and we saw good numbers of Italian Wall Lizards enjoying the sun. We had very close views of another Hen and a Montagu's Harrier, as others drifted over, while a stunning fly-past was a Lanner Falcon. Out to sea we saw various shearwaters, the majority being Yelkouan Shearwater, but some being the larger Scopoli's Shearwater. The striking Figwort Scrophularia lucida was growing on rocks, and we also saw the bellflower Asyneuma limonifolium, two plants which are special to Puglia within Italy, but which also occur across the Adriatic. We also found Swallow-wort (Vincetoxicum hirindinaria subsp. adriatica), Prasium (Prasium majus) and Pallenis (Pallenis spinosa), with spiny tips to its bracts. As we were preparing our picnic, a small flock of Bee-eaters were seen. We enjoyed a tasty picnic of local produce after a great first morning.

Suitably refreshed, we then drove north along the coast, past Otranto, stopping at an area of beach north of San Foca. Here, we explored the road verge and the shore, while a small group followed a track inland by a ditch, recording Italian Pool Frogs. On the verge there was Rosemary (Rosmarinus officinalis), pink Cistus creticus, white Sage-leaved Cistus (Cistus salvifolius) and Mediterranean Buckthorn (Rhamnus alaternus). We also found the afternoon-flowering Barbary Nut (Moraea sisyrinchium) and some spikes of the Apulian Bee Orchid (Ophrys fuciflora subsp. apulica). On the sandy beach edge we recorded Silene colorata, Sea Medick (Medicago maritima), both Three-horned Stock and Sea Stock (Matthiola tricuspidata and M. sinuata) and the dramatic dark red

Broomrape Orobanche sanguinea. We also noted the strange balls which are composed of the compressed leaf-bases of the Sea-grass *Poseidonia*.

Dark clouds were starting to build in the north as we retraced our steps towards Otranto. We took some time to explore this old town, with its Aragonese castle and ramparts, and Cathedral with a 12th century mosaic floor representing the tree of life. A Cormorant was seen in the harbour, along with Yellow-legged Gulls. Unfortunately the dark clouds caught up with us, and we had a heavy shower just as we were returning to the vehicles. However, our spirits were not dampened, after an excellent day. After a break, we met to discuss the day before another delicious meal.

Day 3

Monday 17th April

Le Cesine

Today we visited the area of Le Cesine with its Olive groves, lakes, evergreen woodland and sand dunes. This lies further up the coast from the previous day's destination of San Foca. We retraced our steps, noting a small group of Bee-eaters at Capo d'Otranto. The grey morning gave way to early rain as we headed north, and waterproofs were needed before we left the bus. However, the rain soon eased and gave way to clearing skies. We started by parking on a closed-off section of road by several Olive groves. These proved good for both plants and birds, with a pair of Hoopoes giving great scoped views, plus Sardinian and Western Bonelli's Warblers calling. The birders also located a pair of Woodchat Shrikes. Amongst the plants we found Bellardia (Bartsia trixago) and the not-dissimilar Yellow Bartsia (Parentucellia viscosa), Small-flowered Serapias (Serapias parviflora), and, surprisingly, a small member of the Evening Primrose family, Oenanthe parviflora. Some areas under the Olives were bright with Common Poppies (Papaver rhoeas), Crown Daisy in both colour forms, and Corn Marigold (Glebionis coronarium and G. segetum), the latter allowing comparison of these similar species.

The path went through the WWF reserve, where entry was not permitted on either side, but allowed access through to the sea. We followed the path through dense woodland of Aleppo Pine (Pinus halepensis), Eucalyptus and Evergreen Oak (Quercus ilex). Here we also noted Holly (Ilex aquifolium) and Smilax (Smilax aspera) among the tangled undergrowth, where a Nightingale was heard. The path went between two lakes, where we saw two Great Egrets in flight distantly, followed by great views of a Purple Heron as it flew towards us. Little Grebe and Coot were calling. On the lake on the other side of the path were three Ferruginous Ducks, a male Pintail flew in, and Mallard were also seen. Three Greenshanks flew over. Raptors were frequently seen including Marsh and Montagu's Harriers and a distant Osprey. We started to find orchids by the path, including Lax-flowered (Anacamptis laxiflora) and some magnificent specimens of Bumblebee Orchid (Ophrys bombyliflora). Yellow-wort (Blackstonia perfoliata) and the similar Seaside Centaury (Centaurium maritimum) were both found. The path went through dune slacks to the sea, with large patches of the magenta Sally-my-handsome (Carpobrotus acinaciformis). As we were admiring some Bug Orchids (Anacamptis coriophora), a female Glow-worm was noticed, with her distinctive abdomen.

We gradually made our way back to the buses, where we enjoyed another picnic, before further exploration of the Olive groves. The Hoopoes were seen again, but the highlight was relocating the Woodchat Shrikes, and everyone having excellent scoped views of both the male and the female, the former having the broader black mask on the face. We also explored a patch of dry Cistus and Rosemary (Rosmarinus officinalis) scrub, with the endemic Sainfoin Onobrychis alba subsp. echinata. We then drove up the road to the coastal village of San

Cataldo, stopping at a rather busy bar for refreshments before starting the journey home. This took longer than expected as, being Pasquetta (Easter Monday), the roads were very busy. Once past Otranto, we enjoyed the peace of a beautifully sunny early evening, with glorious light. The Scop's Owls continued their chorus at night.

Day 4

Tuesday 18th April

Transfer to Crispiano

Today we had to say goodbye to the Masseria Panareo and the Salento region of Puglia. After breakfast, we loaded the vehicles and set off, stopping briefly at the Capo d'Otranto in a rising wind. Bird-wise, it was very quiet so, after a final chance to enjoy the sea, we continued our journey north. Our route took us to Brindisi and down to Taranto, with a break for coffee and fuel. We skirted the edge of Taranto, taking the road towards Martina Franca, and then cutting across to our second hotel, the Parco delle Querce, near Crispiano. The hotel is set in the midst of many acres of woodland and scrub, accessed along a long drive.

We arrived about 1pm to a very warm welcome from Cosimo, the owner, and Vincenzo, on reception. Swallows were swooping about the courtyard, and three Giant Peacock Moths were seen; Europe's largest moth. We had our picnic in the hotel courtyard where there was some shelter from the now strong, cold wind. Once we had settled into our rooms, we donned more clothing than we were used to, and set out to explore the area.

The land around the hotel was a treasure-trove of plants, especially orchids, and we were soon getting our eyes in for them. While we were able to identify many species, many of the specimens of *Ophrys* showed considerable variation and signs of hybridisation; the genus is an example of evolution in action as many will hybridise readily, showing intermediate characteristics. However, we found particularly magnificent stands of Bertoloni's Bee Orchid (*Ophrys bertolonii*), Apulian Orchid (*Ophrys fuciflora* subsp. *apulica*) and Naked Man Orchids (*Orchis italica*), plus Beaked Orchid (*Ophrys oxyrrhynchos*), Small-patterned Ophrys (*Ophrys parvimaculata*), Dark Ophrys (*Ophrys sphegodes* subsp. *atrata*), and several others, including many 'not quite pure' forms. Greenwinged Orchid was present both as *Anacamptis morio* subsp. *morio* and as subsp. *picta*, together with Pink Butterfly Orchid (*Anacamptis papilionacea*) and a hybrid between them, *Anacamptis x gennarii*. We also recorded a variety of Tongue Orchids, including Plough-share and Small-flowered (*Serapias vomeracea* and *S. parviflora*) and Serapias *politsii*. Apart from the masses of orchids, we enjoyed many other species, including Crimson Clover (*Trifolium incarnatum*), and the bright yellow Spiny Broom (*Calicotome infesta*). The birds were fairly quiet, in the strong wind, but Subalpine Warbler was seen and Cuckoo heard. We wandered until we were sated (or thoroughly confused!). After a break, we met to update our lists before dinner.

Day 5

Wednesday 19th April

Matera

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Today dawned cloudy with some rain, and a persistent, strong, northerly wind. A small group was out before breakfast, seeing a rather chilly-looking Hoopoe. Today our destination was Matera, just over the Province border in Basilicata. This ancient town has the longest record of recorded habitation after Petra in Jordan, and one can see the layers of dwellings from the ancient caves, some of which were occupied until the 1950's,

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and are now being done up as hotel accommodation, with more modern houses on top. We took a route north-westwards, seeing several Harriers and Lesser Kestrels en route.

On the outskirts of Matera, we turned up the steep road onto the steppe plateau that borders the main gorge or gravina, stopping at the Belvedere. As we approached, Sparrowhawk was seen. Here we had stunning views of the ancient part of the city. Many Lesser Kestrels were flying around, the largest concentration being a group of over 20. The strong, cold wind meant that other birds were hard to see, but in the bottom of the gorge were many hirundines. Plants here included the bright mauve Stock (Matthiola fruticulosa), Pale Goldendrops (Onosma echioides), Golden Alyssum (Aurinia saxatilis) and Toothed Orchid (Neotinea tridentata). We then moved down to the Visitor Centre, where it was very slightly less windy. Here we were able to get excellent scoped views of perched Lesser Kestrel. We walked from here towards the Neolithic village remains, finding carpets of Bertoloni's Bee Orchid. We also found Man Orchid (Orchis anthropophora), Sawfly Orchid (Ophrys tenthredinifera), Lizard Orchid (Himantoglossum hircinum), sadly still only in bud, Silver Sage (Salvia argentea) and Corn Mignonette (Reseda phyteuma). Despite the wind, we found a Forester Moth, and also noted many caterpillars of the Lackey-type moth Malacosoma franconia.

Because we had all got thoroughly chilled, we opted to drive straight in to Matera in search of hot drinks and a snack, instead of having a windswept picnic. Having parked near the railway station, we found a café in a square which offered heated outside shelter, for our lunch. The group then had time to explore at leisure. Most headed for the maze of narrow streets and steps which make up the sassi, the old area of town. Some visited one of the cave churches, while others marvelled at the 'architecture', hidden corners and views across to where we had been earlier and, of course, the Lesser Kestrels which were everywhere. Common Swifts flew overhead and one Blue Rock Thrush was glimpsed as it plummeted down into the gorge. All too soon, it was time to reconvene for our journey back home.

Day 6

Thursday 20th April

Laterza

Today, we visited the gravina at Laterza, run as a LIPU reserve (the Italian equivalent of our RSPB). While it was still very windy, today dawned bright with occasional showers. After breakfast, we retraced out route of the previous day, turning off just before the Basilicata border and skirting the town to reach the visitor centre. Here we met with Vittorio, the warden, and Manuel, our guide. We were given some information about the area and its key species (including a single Egyptian Vulture), and we set off to walk along the edge of the gorge. Early sightings included Black Stork, which nests in the gorge. From the first viewpoint, we also saw several Wild Boar on the far side (and we also found plenty of evidence of their activity). Early plants included Small-patterned Orchid (Ophrys parvimaculata), a Horseshoe Vetch (Hippocrepis glanca) and Widow Iris (Hermodactylus tuberosus) and Iris pseudopumila, both in seed. The taller vegetation included Macedonian Oak (Quercus trojana), Montpellier Maple (Acer monspessulanus) and Prickly Juniper (Juniperus oxycedrus). Grey Heron, Lesser Kestrel and Peregrine Falcon were seen, and a Fox was drinking from a pool in the gorge bottom. Butterflies today included Common, Adonis and Baton Blues, Swallowtail, Berger's Clouded Yellow, Small Heath and Wall Brown. We started finding orchids, including the species we had seen previously, with some particularly fine Sawfly Orchids (Ophrys tenthredinifera) and Pink Butterfly Orchids (Anacamptis papilionacea). We noted the feathery structure of the endemic grass Stipa austroitalica, and also the soft 'thistle' Jurinea mollis.

We had our lunch in relative shelter overlooking the gorge, seeing Black and Red Kites. We later had some excellent views of Black Kite. A Lanner Falcon was seen flying very rapidly along the gorge, and the Black Stork was seen again. Other plants included Spiny Spurge and Tree Spurge (*Euphorbia spinosa a*nd *E, dendroides*), Winter Savory (*Satureja montana*) and a robust, yellow spike of Greater Broomrape (*Orobanche rapumgenistae*). We gradually made our way back to the vehicles. Long-tailed Tits and the Birthwort *Aristolochia rotunda* were reported. We had a good journey home, after another fascinating day.

Day 7

Friday 21st April

Bosco delle Pianelle; Parco delle Querce

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Our final day in the field was spent more locally, exploring the wooded collapsed cavern or doline, that is Bosco delle Pianelle. We drove the short distance to the wood, finding maps and guides in the Visitor Centre. We were advised of an alternative place to leave the vehicles, starting the walk in the middle of the wood, which is what we did. There were spikes of Dark Ophrys (Ophrys sphegodes subsp. atrata) in the parking area, and the hill slope was bright with Pink Hawk's-beard (Crepis rubra). Along the first section of path we found a Long-horned Moth on a Naked Man Orchid (Orchis italica). We followed the path into the wood, soon finding the Trullo Grande, and abandoned cottage consisting mainly of a trullo with its conical roof. In the open meadow around we found many spikes of Green-winged Orchids (Anacamptis morio), including some pure white ones with the green veins showing clearly. There were also a good number of Pink Butterfly, and several spikes of the hybrid Anacamptis x gennarii. We also found clumps of the Birthwort Aristolochia rotunda in flower. Insects included a resting Ascalaphid and a Small Copper butterfly, while a Western Green Lizard posed for us up in a small bush.

Some of the group chose to walk further, completing the circuit of paths; the rest of us followed the path gently down into the bottom of the doline, through Holm Oak (Quercus ilex) and then, as we got deeper and the air more humid, Eastern Hornbeam (Carpinus orientalis). There were many Cyclamen leaves, but they were all of the autumn-flowering Cyclamen hederifolium. Here, where it was damper, we started noting ferns and mosses, especially Rustyback (Ceterach officinarum), and Irish and Maidenhair Spleenworts (Asplenium onopteris and A. trichomanes). We reached a venerable old Holm Oak tree in a bit of a clearing. From here, some of the group climbed the road with hairpin bends, taking the path to a viewpoint out over the wooded gorge, noting Strawberry Tree (Arbutus unedo) with fruit. Others stayed in the clearing, recording six species of Crane's-bill (Geranium spp.) in a small patch. Butterflies in the sunny areas included Small White, Orange Tip, Holly Blue and Speckled Wood. Birds were conspicuous by their absence in the wood, with the most notable being flyover Raven.

We had our final picnic on the sunny bank by the vehicles, recording a female Baton Blue. We then returned to the hotel by a more northerly route, stopping to admire and photograph some trulli. While we were stopped, we also noted Common Blue and Clouded Yellow butterflies, and several Italian Wall Lizards disappearing into the wall. On our return to the hotel, we had some free time for further exploration, photography or 'chilling', before meeting for a last update of the lists, discussion and our final dinner together.

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Day 8

Saturday 22nd April

Bari to Gatwick and home

After breakfast, we loaded the vehicles, took a couple of group photographs and said our farewells to Cosimo, Vincenzo and Mariella at Parco delle Querce. We had a good journey up to Bari, seeing Marsh and probable Hen Harriers, Lesser Kestrels and a Rose-ringed Parakeet en route. After a break for facilities and to buy fuel, we arrived at the airport and checked in.

Our flight back to the UK was slightly delayed, but we made good time. After we had collected our luggage, we said our farewells, and the inaugural trip to Puglia in Spring reached its conclusion, leaving us with many memories and photographs of this beautiful and fascinating area.

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Italian Wall Lizard by Mary Walmsley



Lax-flowered Orchid by Colin Hughes

Species Lists

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Plants (*= a species is endemic)

This list has been updated according to The Plant List (www.theplantlist.org) based on DNA analysis

Scientific name	Common name	Location (first or best)
PTERIDOPHYTES Leptosporangiate Ferns	FERNS & ALLIES True Ferns	
Aspleniaceae	Spleenwort family	
Asplenium ceterach	Rustyback	Bosco delle Pianelle
Asplenium onopteris	Irish Spleenwort	Bosco delle Pianelle
Asplenium trichomanes	Maidenhair Spleenwort	Bosco delle Pianelle
Dennstaeditiaceae	Bracken Family	
Pteridium aquilinum	Bracken	Santa Foca beach
Polypodiaceae	Polypody Family	
Polypodium interjectum	Intermediate Polypody	Bosco delle Pianelle
Pteridaceae	Ribbon Fern Family	
Adiantum capillus-veneris	Maidenhair Fern	Hotel Masseria Panareo
GYMNOSPERMS	CONIFERS	
Cupressaceae	Juniper Family	
Cupressus sempervirens	Italian Cypress	Commonly planted
Juniperus oxycedrus	Prickly Juniper	La Gravina di Laterza
Pinaceae	Pine Family	
Pinus halepensis	Aleppo Pine	Hotel Masseria Panareo
Pinus pinea	Stone or Umbrella Pine	Roadsides
ANGIOSPERMS	FLOWERING PLANTS	
Pre-dicots	Primitive Angiosperms	
Aristolochiaceae	Birthwort Family	
Aristolochia rotunda	A Birthwort	La Gravina di Laterza
Eu-dicots	True Dicotyledons	
Adoxaceae	Moschatel Family	
Viburnum tinus	Laurustinus	Bosco delle Pianelle
Aizoaceae	Dew-plant Family	
Carpobrotus acinaciformis	Sally-my-handsome	Santa Foca beach
Amaranthaceae	Amaranth Family	
Atriplex portulacoides	Sea Purslane	Le Cesine
Beta vulgaris subsp. maritima	Sea-beet	Le Cesine
Sarcocornia fruticosa	Shrubby Glasswort	Le Cesine
Sarcocornia perennis	Perennial Glasswort	Le Cesine
Suaeda vera	Shrubby Sea-blite	Le Cesine
Anacardiaceae	Sumach Family	
Pistacia lentiscus	Lentisk	Common
Pistacia terebinthus	Turpentine Tree	Hotel Parco delle Querce

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Scientific name

Apiaceae

Crithmum maritimum Daucus carota

Elaeoselinum asclepium Eryngium campestre Eryngium maritimum Ferrula communis Foeniculum vulgare Oenanthe fistulosa

Oenanthe fistulosa
Opoponax chironium
Orlaya grandiflora
Scandix pecten-veneris
Smyrnium olusatrum
Thapsia garganica

Thapsia garganica Tordylium apulum

Apocynaceae

Vinca difformis

Vincetoxicum hirundinaria subsp. adriaticum

Aquifoliaceae

Ilex aquifolium

Aralaceae

Hedera helix

Betulaceae

Carpinus orientalis

Boraginaceae

Alkanna tinctoria (lehmanii) Anchusa undulata subsp. hybrida

Borago officinalis

Buglossoides (L.) purpurocaerulea

Cerinthe major Echium c.f. italicum Echium platagineum

Onosma (lucana*) echioides

Brassicaceae

Aurinia (Alyssum) saxatile

Arabis verna
Biscutella didyma
Biscutella laevigata
Brassica nigra

Cakile maritima
Capsella bursa-pastoris
Diplotaxis tenuifolia
Eruca vesicaria
Isatis tinctoria
Lepidium draba
Matthiola fruticulosa

Matthiola sinuata

Common name

Carrot Family

Rock Samphire Le Cesine Wild Carrot Capo d'Otranto

Elaeoselinum La Gravina di Laterza (leaves) Field Eryngo Bosco delle Pianelle (leaves)

Location (first or best)

Sea Holly Santa Foca beach
Giant Fennel Matera - Belvedere

Common Fennel NE of Hotel Masseria Panareo

Tubular Water-dropwort Le Cesine

Hercules Heal-all Hotel Masseria Panareo
Orlaya NE of Hotel Masseria Panareo
Shepherd's Needles NE of Hotel Masseria Panareo

Alexanders Otranto

Thapsia Bosco delle Pianelle (leaves)
Tordylium NE of Hotel Masseria Panareo

Periwinkle Family

Intermediate Periwinkle Bosco delle Pianelle a Swallow-wort Capo d'Otranto

Holly Family

Holly Le Cesine

Ivy Family

Ivy Bosco delle Pianelle

Birch Family

Eastern Hornbeam La Gravina di Laterza

Forget-me-not Family

Dyer's Alkanet Hotel Masseria Panareo
- Matera - Belvedere

Borage Roadsides

Purple Gromwell La Gravina di Laterza Honeywort Hotel Masseria Panareo Pale Viper's-bugloss Hotel Parco delle Querce

Purple Viper's-bugloss Capo d'Otranto
Pale Goldendrops Matera - Belvedere

Cabbage Family

Eruca or Wild Rocket

Yellow Alyssum Matera - Belvedere Spring Rock-cress Bosco delle Pianelle

Biscutella Le Cesine

Capo d'Otranto
Black Mustard
Bosco delle Pianelle

Sea Rocket San Cataldo

Shepherd's-purse Hotel Masseria Panareo
Perennial Wall-rocket NE of Hotel Masseria Panareo

Hotel Masseria Panareo

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Woad Hotel Parco delle Querce Hoary Cress Matera - Belvedere Sad Stock Matera - Belvedere

Sea Stock Le Cesine

Scientific name

Matthiola tricuspidata Raphanus raphanistrum Rapistrum rugosum Turritis (Arabis) glabra

Cactaceae

Opuntia ficus-indica

Campanulaceae

Asyneuma limonifolium

Caprifoliaceae

Dipsacus fullonum Knautia integrifolia Lonicera implexa Scabiosa columbaria Valeriana tuberosa Valerianella dentata

Caryophyllaceae

Arenaria serpyllifolia
Cerastium glomeratum
Herniaria glabra
Petrorhagia dubia
Petrorhagia prolifera
Silene colorata
Silene conica
Silene gallica
Silene italica
Silene latifolia
Silene vulgaris

Cistaceae

Stellaria neglecta

Cistus creticus Cistus monspeliensis Cistus salvifolius Helianthemum jonium* Helianthemum nummularium

Compositae (Asteraceae)

Anthemis chia
Anthemis tomentosa
Bellis perennis
Bellis sylvestris
Calendula arvensis
Carduus macrocephalus
Centaurea calcitrapa
Centaurea deusta*
Cichorium intybus
Cirsium creticus
Conyza bonariensis

Common name

Three-horned Stock
Wild Radish
Bastard Cabbage
Tower mustard
Santa Foca beach
Hotel Masseria Panareo
NE of Hotel Masseria Panareo

Cactus Family

Prickly Pear Naturalised in scattered

localities

Location (first or best)

Bellflower Family

· Capo d'Otranto

Honeysuckle Family

Wild Teasel Roadsides

a Scabious Bosco delle Pianelle

a Honeysuckle Le Cesine
Small Scabious Capo d'Otranto
Tuberous Valarian La Gravina di Laterza

Narrow-fruited Cornsalad Le Cesine

Pink Family

Thyme-leaved Sandwort
Sticky Mouse-ear
Smooth Rupturewort
A Childing Pink
Proliferous Pink
Sand Catchfly
Autostrada service area - Lecce
Matera - Belvedere
Matera - Belvedere
NE of Hotel Masseria Panareo
Le Cesine
Santa Foca beach
Le Cesine

Small-flowered Catchfly
Italian Catchfly
White Campion
Bladder Campion
NE of Hotel Masseria Panareo

Large Chickweed Bosca Pianella

Rock-rose Family

Pink Cistus Common
Narrow-leaved Cistus Hotel Parco delle Querce
Sage-leaved Cistus Santa Foca beach
An endemic Rock-rose Hotel Masseria Panareo

La Gravina di Laterza

Service Area - Lecce

Rock-rose

Daisy Family

Hotel Parco delle Querce Woolly Chamomile Santa Foca beach Daisy Hotel Parco delle Querce Southern Daisy Bosco delle Pianelle Field Marigold Hotel Masseria Panareo Hotel Parco delle Querce Red Star-thistle Capo d'Otranto (leaves) a Knapweed La Gravina di Laterza Chicory Bari Airport Cretan Thistle Bosco delle Pianelle

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Argentine Fleabane

Scientific name Common name Location (first or best) Pink Hawk's-beard Crepis rubra Very Common Crupina Crupina crupinastrum La Gravina di Laterza Cynara cardunculus Cardoon Roadsides day 4 Dittrichia viscosa Woody Fleabane Hotel Masseria Panareo NE of Hotel Masseria Panareo Filago (Evax) pygmaea Evax Galactites tomentosa Galactites NE of Hotel Masseria Panareo Glebionis coronarium var. coronarium Crown Daisy Common on roadsides Glebionis coronarium var. discolor Crown Daisy Common on roadsides NE of Hotel Masseria Panareo Glebionis segetum Corn Marigold A Curry Plant Helichrysum italicum NE of Hotel Masseria Panareo Hyoseris radiata Bosco delle Pianelle Hyoseris scabra NE of Hotel Masseria Panareo a 'soft' Thistle La Gravina di Laterza (in bud) Jurinea mollis Limbarda (Inula) crithmoides Golden Samphire Le Cesine (leaves) Matricaria chamomilla (M. recutita) Scented Mayweed Le Cesine Otanthus maritimus Cottonweed Santa Foca Beeach (leaves) Pallenis spinosa **Pallenis** Hotel Masseria Panareo Phagnalon saxatile Phagnalon La Gravina di Laterza Picris hieracioides Hawkweed Ox-tongue La Gravina di Laterza Scorzonera villosa Matera - Belvedere Hairy Viper's-grass Silybum marianum Milk Thistle Matera - Belvedere (leaves) Sonchus asper Prickly Sow-thistle Matera NE of Hotel Masseria Panareo Taraxacum agg. a Dandelion Tragopogon porrifolius Salsify NE of Hotel Masseria Panareo Tripolium pannonicum (Aster tripolium) Sea Aster Le Cesine Tyrimnus leucographus A Thistle (white markings) Hotel Parco delle Querce Urospermum dalechampii Urospermum Hotel Masseria Panareo Urospermum picroides Bari Airport Convolvulaceae **Bindweed Family** Calystegia sepium Hedge Bindweed Le Cesine (leaves) Calystegia soldanella Sea Bindweed Le Cesine (leaves) Convolvulus althaeoides subsp. tenuissimus a Mallow-leaved Bindweed Le Cesine Pink Bindweed La Gravina di Laterza Convolvulus cantabrica La Gravina di Laterza Field Dodder Cuscuta campestris Cuscuta epithymum Common Dodder Crassulaceae **Stonecrop Family** Sedum forsterianum Rock Stonecrop La Gravina di Laterza La Gravina di Laterza Sedum sexangulare **Tasteless Stonecrop** Umbilicus rupestris Wall Pennywort NE of Hotel Masseria Panareo Cucurbitaceae **Cucumber family** Bryonia dioica Hotel Parco delle Querce White Bryony Ecballium elaterium San Cataldo **Squirting Cucumber** Ericaceae **Heather Family** Arbutus unedo Strawberry Tree La Gravina di Laterza Erica multiflora Le Cesine

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Spurge Family

Tree Spurge

Mediterranean Spurge

Matera - Belvedere

La Gravina di Laterza

Euphorbiaceae

Euphorbia dendroides

Euphorbia characias subsp.characias

Tour Report Puglia in Spring

Scientific name

Euphorbia helioscopia Euphorbia exigua Euphorbia paralias Euphorbia peplus Euphorbia spinosa Mercurialis annua

Fagaceae

Quercus ilex Quercus pubescens Quercus trojana

Frankeniaceae

Frankenia laevis

Gentianaceae

Blackstonia perfoliata Centaurium maritimum

Geraniaceae

Erodium cicutarium Erodium gruinum Erodium malacoides Erodiun nervulosum* Geranium columbinum Geranium dissectum Geranium lucidum Geranium molle Geranium purpureum Geranium rotundifolium Geranium sanguineum

Lamiaceae

Ajuga chamaepitys Clinopodium acinos Lamium bifidum Marrubium vulgare Mentha pulegium Phlomis fruticosa Prasium majus Rosmarinus officinalis Salvia argentea Salvia verbenaca Satureja hortensis Satureja montana Sideritis hirsuta Stachys officinalis Teucrium chamaedrys Teucrium polium agg. Thymbra capitata Thymus spinulosus

Common name

Sun Spurge **Dwarf Spurge** Sea Spurge Petty Spurge

Annual Mercury

Beech Family

Holm Oak Hotel Parco delle Querce La Gravina di Laterza Downy Oak Macedonian Oak Hotel Parco delle Querce

Sea-heath Family

Sea-heath Le Cesine

Gentian Family

Yellow-wort Le Cesine Sea Centaury Le Cesine

Crane's-bill Family

Common Stork's-bill

Mallow-leaved Stork's-bill a Stork's-bill

Long-stalked Crane's-bill Cut-leaved Crane's-bill Shining Crane's-bill

Dove's-foot Crane's-bill Little Robin

Round-leaved Stork's-bill Bloody Crane's-bill

Deadnettle Family

Ground Pine Basil Thyme Bifid Dead-nettle

White Horehound Pennvroval

Prasium Rosemary Silver Sage Wild Clary

Summer Savory Winter Savory Hairy Sideritis Betony

Jerusalem Sage

Wall Germander Felty Germander

A Thyme A Thyme

NE of Hotel Masseria Panareo

Hotel Parco delle Querce Matera - Belvedere

NE of Hotel Masseria Panareo

NE of Hotel Masseria Panareo

Service Area - Lecce

Bosco delle Pianelle

Bosco delle Pianelle

La Gravina di Laterza

Hotel Masseria Panareo

Hotel Parco delle Querce

Le Cesine

Location (first or best)

Hotel Masseria Panareo

Santa Foca beach

Service area - Lecce

NE of Hotel Masseria Panareo

NE of Hotel Masseria Panareo

NE of Hotel Masseria Panareo

Matera - Belvedere Bosco delle Pianelle

Matera - Belvedere (leaves) La Gravina di Laterza

NE of Hotel Masseria Panareo

NE of Hotel Masseria Panareo NE of Hotel Masseria Panareo Matera - Belvedere Hotel Masseria Panareo NE of Hotel Masseria Panareo La Gravina di Laterza (leaves)

Hotel Masseria Panareo Bosco delle Pianelle (leaves)

Matera - Belvedere

Common

NE of Hotel Masseria Panareo

Le Cesine

12 © Naturetrek April 2017

Scientific name

Common name

Location (first or best)

Common

Leguminosae (Fabaceae)

Anthyllis vulneraria subsp. rubriflora

Astragalus glycyphyllos
Bitumaria bituminosa
Calycotome infesta
Cercis siliquastrum
Coronilla scorpioides
Cytisus spinescens
Dorycnium hirsutum
Hedysarum coronarium
Hippocrepis comosa

Hippocrepis emerus subsp. emeroides

Hymenocarpus circinatus

Lathyrus annuus
Lathyrus aphaca
Lathyrus cicera
Lathyrus ochrus
Lathyrus setifolius
Lathyrus sylvestris
Lotus cytisoides
Lotus ornithopodioides

Lotus tetragonolobus (T. purpureus)

Medicago arabica
Medicago lupulina
Medicago marina
Medicago polymorpha
Medicago scutellata
Melilotus indicus
Melilotus italicus

Onobrychis aequidentata

Onobrychis alba subsp. echinata*

Onobrychis caput-galli Pisum sativum subsp. elatius

Robinia pseudacacia Scorpiurus muricatus Scorpiurus vermiculatus Spartium junceum Trifolium arvense Trifolium campestre Trifolium cherleri

Trifolium incarnatum subsp. incarnatum Trifolium incarnatum subsp. molinerii

Trifolium nigrescens
Trifolium pratense
Trifolium repens
Trifolium resupinatum
Trifolium scabrum
Trifolium squamosum
Trifolium stellatum
Trifolium striatum
Trifolium subterraneum

Trigonella balansae (T. corniculata)

Pea Family

Mediterranean Kidney Vetch

(Pink)

Wild Liquorice Bosco delle Pianelle
Pitch Trefoil Hotel Masseria Panareo
Spiny Broom Hotel Parco delle Querce

Judas Tree Planted

Annual Scorpion Vetch Hotel Parco delle Querce

a Hairy Broom Capo d'Otranto
Dorycnium Common

Italian Sainfoin Hotel Masseria Panareo

Horseshoe Vetch Le Cesine

False Senna La Gravina di Laterza
Disk Trefoil La Gravina di Laterza
Annual Pea Capo d'Otranto
Yellow Vetchling La Gravina di Laterza
a Vetchling Bosco delle Pianelle

Winged Vetchling (cream) NE of Hotel Masseria Panareo

Red Grass Vetchling

Narroe-leaved Everlasting Pea
a Trefoil

Capo d'Otranto
Common

Winged or Asparagus Pea Capo d'Otranto

Spotted Medick Hotel Parco delle Querce
Black Medick Hotel Masseria Panareo
Sea Medick Le Cesine
Toothed Medick Le Cesine

- Hotel Parco delle Querce
Small Mellilot Hotel Masseria Panareo
a Melilot Bosco delle Pianelle
- La Gravina di Laterza

a Sainfoin Le Cesine

Cock's-comb Sainfoin La Gravina di Laterza Wild Pea Hotel Masseria Panareo

False Acacia Roadsides

a Scorpiurus NE of Hotel Masseria Panareo

Bari Airport

Spanish Broom Hotel Parco delle Querce

Hare's-foot Clover Le Cesine

Hop Trefoil NE of Hotel Masseria Panareo
- Hotel Parco delle Querce

Crimson Clover Hotel Parco delle Qurce
a Crimson Clover NE of Hotel Masseria Panareo
A white clover NE of Hotel Masseria Panareo
Red Clover Hotel Masseria Panareo

White Clover Le Cesine

Reversed Clover Hotel Masseria Panareo
Rough Clover Santa Foca beach

Sea Clover Le Cesine Starry Clover Common

Knotted Clover NE of Hotel Masseria Panareo
Burrowing Clover Hotel Parco delle Querce

Common

Scientific name Common name Location (first or best) Bladder Vetch Tripodion (Anthyllis) tetraphyllum La Gravina di Laterza Vicia benghalensis Bengal Vetch Le Cesine Vicia hirsuta Hairy Tare Le Cesine Vicia hybrida a Yellow Vetch Le Cesine Hotel Masseria Panareo a Fodder Vetch Vicia sativa subsp. sativa Vicia tetrasperma Smooth Tare Le Cesine Hotel Parco dele Querce Vicia villosa Fodder Vetch Linaceae Flax Family Matera - Belvedere Linum austriacum subsp. tommasinii Pale Flax Le Cesine Linum bienne Malvaceae **Mallow Family** Malva cretica Cretan Mallow Hotel Masseria Panareo Malva sylvestris Common Mallow Hotel Masseria Panareo Moraceae **Mulberry Family** Ficus carica Commonly naturalised Fig Myrtle Family Myrtaceae Myrtus communis Myrtle NE of Hotel Masseria Panareo **Olive Family** Oleaceae Fraxinus ornus Flowering Ash La Gravina di Laterza Olea europaea Olive La Gravina di Laterza Phillyrea angustifolia Narrow-leaved Phillyrea Le Cesine Orobanchaceae **Broomrape Family** Bartsia (Bellardia) trixago Bellardia Le Cesine Orobanche caryophyllacea Clove-scented Broomrape Le Cesine NE of Hotel Masseria Panareo Orobanche minor Common Broomrape Orobanche ramosa **Branched Broomrape** Le Cesine Orobanche rapum-genistae Greater Broomrape La Gravina di Laterza Orobanche sanguinea A dark red Broomrape Santa Foca beach Hotel Parco delle Querce Parentucella latifolia Southern Red Bartsia Parentucella viscosa Yellow Bartsia Le Cesine Oxalidaceae **Wood-sorrel Family** Hotel Masseria Panareo Oxalis pes-caprae Bermuda Buttercup (leaves) **Poppy Family** Papaveraceae Fumaria capreolata Le Cesine White Ramping Fumitory Fumaria muralis Common Ramping Fumitory Le Cesine Fumaria officinalis Common Fumitory Hotel Masseria Panareo Glaucium flavum Yellow Horned-poppy San Cataldo Papaver rhoeas Hotel Masseria Panareo Common Poppy Plantaginaceae **Plantain Family** Ivy-leaved Toadflax Hotel Masseria Panareo Cymbalaria muralis Linaria pelisseriana Jersey Toadflax Le Cesine Hotel Masseria Panareo Misopates orontium Weasel-snout (leaves)

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Branched Plantain

Plantago arenaria

Hotel Masseria Panareo

Scientific name

Plantago cretica Plantago lagopus Plantago lanceolata Plantago major Plantago serraria

Veronica cymbalaria

Plumbaginaceae

Limonium sp.

Polygalaceae

Polygala niceaaensis

Polygonaceae

Rumex bucephalophorus

Primulaceae

Anagallis arvensis (Red & Blue forms)
Cyclamen hederifolium

Ranunculaceae

Anemone hortensis Ranunculus bulbosus Ranunculus repens

Resedaceae

Reseda alba Reseda lutea Reseda phyteuma

Rhamnaceae

Rhamnus alaternus Rhamnus saxatilis

Rosaceae

Agremonia procera Crataegus monogyna Geum urbanum Pyrus amygdaliformis

Rosa sp.

Rubus fruticosus agg

Sanguisorba minor (Poterium sanguisorba)

Rubiaceae

Galium aparine Galium mollugo Rubia peregrina Sherardia arvensis Valantia hispida

Santalaceae

Osyris alba

Common name

Location (first or best)

- Le Cesine
Hare's-foot Plantain Capo d'Otranto
Ribwort Plantain La Gravina di Laterza

Greater Plantain Le Cesine

- La Gravina di Laterza Cymbalaria-leaved Speedwell Bosco delle Pianelle

Thrift Family

a Sea-lavender Le Cesine

Milkwort Family

Nice Milkwort Hotel Parco delle Querce

Knotweed Family

Horned Dock Hotel Masseria Panareo

Primrose Family

Scarlet Pimpernel NE of Hotel Masseria Panareo Ivy-leaved Cyclamen Bosco delle Pianelle (leaves)

Buttercup Family

Hotel Parco delle Querce

Bulbous Buttercup Le Cesine Creeping Buttercup Common

Mignonette Family

White Mignonette Bari Airport

Wild Mignonette Hotel Masseria Panareo
Corn Mignonette Matera - Belvedere

Buckthorn Family

Mediterranean Buckthorn Santa Foca beach
Rock Buckthorn Matera - Belvedere

Rose Family

Fragrant Agrimony

Hawthorn

Hotel Parco delle Querce

Wood Avens

Bosco delle Pianelle

Bosco delle Pianelle

Bosco delle Pianelle

A Rose

La Gravina di Laterza

Bramble

Hotel Masseria Panareo

Salad Burnet Le Cesine

Bedstraw Family

Cleavers Hotel Masseria Panareo
Hedge Bedstraw La Gravina di Laterza
Wild Madder Santa Foca beach
Field Madder Hotel Masseria Panareo

Valantia Capo d'Otranto

Sandalwood Family

Osyris Le Cesine

Scientific name Common name Location (first or best) Sapindaceae **Maple Family** Montpellier Maple La Gravina di Laterza Acer monspessulanus **Figwort Family** Scrophulariaceae Capo d'Otranto Scrophularia lucida a Figwort Scrophularia peregrina Italian (Nettle-leaved) Figwort Bosco delle Pianelle Hotel Masseria Panareo Verbascum sinuatum a Mullein (leaves) Tamaricaceae **Tamarisk Family Tamarisk** Tamarix gallica Santa Foca beach Thymelaeaceae **Daphne Family** NE of Hotel Masseria Panareo Daphne gnidium Flax-leaved Daphne (lvs) **Ulmaceae Elm Family** Ulmus agg. An Elm Le Cesine Urticaceae **Nettle Family** Parientaria judaica Pellitory of the Wall Hotel Masseria Panareo Parientaria officinalis Matera Common Pellitory Urtica membranacea Membranous Nettle Scattered Violaceae **Violet Family** Viola riviniana Common Dog Violet Bosco delle Pianelle (leaves) Monocots Monocotyledons **Amaryllidaceae Daffodil Family** Allium roseum Rosy Garlic Bari Airport Allium subhirsutum Hotel Parco delle Querce Hairy Garlic Allium subvillosum Capo d'Otranto **Arum Family** Araceae Arum italicum subsp. italicum Large Cuckoo Pint Le Cesine **Asparagus Family** Asparagaceae Naturalised in scattered Century Plant Agave americana locations NE of Hotel Masseria Panareo Asparagus acutifolius Prickly Asparagus Hotel Masseria Panareo Drimia (Urginea) maritima Sea Squill (leaves) Tassel Hyacinth NE of Hotel Masseria Panareo Leopoldia (Muscari) comosa Ornithogalum exscapum A Star of Bethlehem La Gravina di Laterza Ornithogalum narbonense A Spiked Star of Bethlehem Bari Airport Ruscus aculeatus Butcher's Broom Bosco delle Pianelle Ruscus hypoglossum

Cyperaceae

Carex acutiformis Carex remota Cyperus sp.

Dioscoreaceae

Dioscorea (Tamus) communis

Le Cesine

Sedge Family

Lesser Pond Sedge Le Cesine

Bosco delle Pianelle Remote Sedge Santa Foca beach

Yam Family

Black Bryony La Gravina di Laterza

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Scientific name Common name Location (first or best) Iridaceae Iris Family Gladiolus italicus Field Gladiolus Hotel Masseria Panareo Hotel Parco delle Querce (in Hermodactylus tuberosus Widow or Snake's-head Iris fruit) Iris pseudopumilla* La Gravina di Laterza (in fruit) Moraea sisyrinchium **Barbary Nut** Santa Foca beach Juncaceae **Rush Family** Bolboschoenus maritimus Sea Clubrush Le Cesine

Juncus acutusSharp RushLe CesineLuzula forsteriSouthern Wood-rushBosco delle PianelleLuxula pilosaCommon Wood-rushBosco delle Pianelle

Orchidaceae Orchid Family

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

(eg mer an	LIST NOW). THIS TOHOWS THE PARTOR	•
Anacamptis coriophora (formerly subsp. fragrans)	Bug Orchid	Le Cesine
Anacamptis laxiflora	Lax-flowered or Jersey Orchid	Le Cesine
Anacamptis morio subsp. morio	Green-winged Orchid	Hotel Parco delle Querce
Anacamptis morio subsp. picta	a Green-winged Orchid	Hotel Parco delle Querce
Anacamptis papilionacea	Pink Butterfly Orchid	NE of Hotel Masseria Panareo
Anacamptis pyramidalis	Pyramidal Orchid	NE of Hotel Masseria Panareo
Anacamptis x gennarii (A. papilionacea x morio)	Hybrid Anacamptis	Hotel Parco delle Querce
Himantoglossum hircinum	Lizard Orchid	Matera - Belvedere (in bud)
Himantoglossum robertianum	Giant Orchid	Hotel Parco delle Querce
Neotinea (Orchis) tridentata	Toothed Orchid	Matera - Belvedere
Ophrys bertolonii	Bertoloni's Bee Orchid	NE of Hotel Masseria Panareo
Ophrys bombyliflora	Bumblebee Ophrys	Le Cesine
Ophrys fuciflora subsp. apulica*	Apulian Ophrys	Santa Foca beach
Ophrys fuciflora subsp. oxyrrhyncos	Beaked Ophrys	La Gravina di Laterza
Ophrys fuciflora subsp. parvimaculata	-	Bosco delle Pianelle
Ophrys lutea subsp. galilea (formerly sicula)	-	Matera - Belvedere
Ophrys lutea subsp. lutea	Yellow Ophrys	Hotel Parco delle Querce
Ophrys sphegodes subsp. passionis (garganica)	Gargano Ophrys	Matera - Belvedere
Ophrys sphegodes subsp. sphegodes	Early Spider Orchid	Hotel Parco delle Querce
O. sphegodes subsp. atrata (O. incubacea)	Dark Ophrys	Hotel Parco delle Querce
Ophrys tenthredinifera	Sawfly Ophrys	Hotel Parco delle Querce
Orchis anthropophora	Man Orchid	Matera - Belvedere
Orchis italica	Naked Man Orchid	Hotel Parco delle Querce
Serapias lingua	Tongue Orchid	La Gravina di Laterza
Serapias parviflora	Small-flowered Tongue Orchid	NE of Hotel Masseria Panareo
Serapias politsii	-	Hotel Parco delle Querce
Serapias vomeracea	Plough-share Tongue Orchid	Hotel Parco delle Querce
Pagaga	Grass Family	

Poaceae Grass Family

Aegilops geniculata	Aegilops	Le Cesine
Anisantha diandra	Great Brome	Hotel Masseria Panareo
Anisantha sterilis	Barren Brome	Hotel Masseria Panareo
Arundo donax	Giant Reed	Hotel Masseria Panareo
Arrhenatherum elatius	False Oat-grass	La Gravina di Laterza
Avena barbata	Bristle Oat	Hotel Masseria Panareo

Scientific name Common name

Brachypodium retusum

Bromus hordeaceus

Catapodium rigidum

Cynodon dactylon

Hordeum murinum

Hyparrhenia hirta

Lagurus ovatus

Melica altissima

Phragmites australis

Elytrigia juncea

Festuca ovina

Briza maxima

Brachypodium sylvaticum

Bari Airport

False Brome Bosco delle Pianelle Large Quaking Grass Hotel Masseria Panareo Soft-brome Matera - Belvedere

Location (first or best)

Fern Grass Le Cesine

Bermuda Grass Santa Foca beach Sand Couch San Cataldo Sheep's Fescue Le Cesine

Wall Barley Matera - Belvedere **Thatching Grass** Capo d'Otranto Hare's-foot Grass Capo d'Otranto

Hotel Parco delle Querce

Common Reed Le Cesine Polypogon monspeliensis Annual Beard-grass Le Cesine

Mediterranean Hair-grass Hotel Masseria Panareo Rostraria cristata Stipa austroitalica* a Feather Grass Matera - Belvedere Stipa capensis a Feather Grass La Gravina di Laterza

Posidoniaceae Posidonia family

Posidonia oceanica Santa Foca beach Posidonia

Smilaceae **Smilax Family**

Smilax aspera Common Smilax La Gravina di Laterza

Xanthorrhoeaceae **Asphodel Family**

Asphodeline lutea Yellow Asphodel Matera - Belvedere

NE of Hotel Masseria Panareo Asphodelus ramosus Common Asphodel

Asphodelus fistulosus Hollow-leaved Asphodel Bari Airport

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

						Ap	ril			
	Common name	Scientific name	15	16	17	18	19	20	21	22
1	Mallard	Anas platyrhyncos			✓					
2	Northern Pintail	Anas acuta			✓					
3	Ferruginous Duck	Aythya nyroca			✓					
4	Scopoli's Shearwater	Calonectris diomedea diomedea		✓						
5	Yelkouan Shearwater	Puffinus yelkouan		✓						
6	Little Grebe	Tachybaptus ruficollis			✓					
7	Black Stork	Cioconia nigra						✓		
8	Grey Heron	Ardea cinerea			✓			✓		
9	Purple Heron	Ardea purpurea			✓					
10	Great Egret	Ardea alba			✓					
11	Great Cormorant	Phalacrocorax carbo		✓						
12	Western Osprey	Pandion haliaetus			✓					
13	Eurasian Sparrowhawk	Accipiter nisus					✓	✓		
14	Western Marsh Harrier	Circus aeruginosus		✓	✓	✓	✓			
15	Montagu's Harrier	Circus pygargus		✓	✓	✓	✓	✓		✓
16	Hen Harrier	Circus cyaneus		✓	✓	✓				
17	Red Kite	Milvus milvus						✓		
18	Black Kite	Milvus migrans	✓					✓		
19	Common Buzzard	Buteo buteo	✓		✓		✓	✓	Н	
20	Eurasian Coot	Fulica atra			✓					

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						Ap	ril			
	Common name	Scientific name	15	16	17	18	19	20	21	22
21	Common Greenshank	Tringa nebularia			✓					
22	Yellow-legged Gull	Larus michahellis	✓	✓	✓	✓				✓
23	Rock Dove [Feral]	Columba livia feral	✓	✓	✓	✓	✓	✓	✓	✓
24	Common Wood Pigeon	Columba palumbus				✓				
25	Eurasian Collared Dove	Streptopelia decaocto	✓	✓	✓	✓	✓		✓	✓
26	Common Cuckoo	Cuculus canorus				Н				
27	Eurasian Scops Owl	Otus scops	Н	Н	Н	Н		Н		
28	Common Swift	Apus apus	✓	✓	✓	✓	✓	✓	✓	✓
29	European Bee-eater	Merops apiaster		✓	✓					
30	Eurasian Hoopoe	Upupa epops		✓	✓	Н	✓		✓	
31	Lesser Kestrel	Falco naumanni		✓		✓	✓	✓	✓	✓
32	Common Kestrel	Falco tinnunculus	✓	✓	✓	✓	✓	✓	✓	✓
33	Lanner Falcon	Falco biarmius		✓				✓		
34	Peregrine Falcon	Falco peregrinus						✓		
35	Woodchat Shrike	Lanius senator			✓					
36	Eurasian Golden Oriole	Oriolus oriolus			✓					
37	Eurasian Jay	Garrulus glandarius				√	✓	✓	√	
38	Common Magpie	Pica pica	✓	✓	✓	✓	✓	✓	✓	✓
39	Western Jackdaw	Corvus monedula	✓	✓	✓	✓	✓	✓		✓
40	Hooded Crow	Corvus cornix	√	✓	√	✓	✓	✓	✓	✓
41	Northern Raven	Corvus corax						✓	✓	
42	Eurasian Blue Tit	Cyanistes caeruleus	√	Н	✓		✓	✓	✓	
43	Great Tit	Parus major		Н	✓	✓	Н			✓
44	Eurasian Skylark	Alauda arvensis		Н						
45	Crested Lark	Galerida cristata		✓	✓	✓	✓			✓
46	Sand Martin	Riparia riparia			✓					
47	Barn Swallow	Hirundo rustica	✓	✓	✓	✓	✓	✓	✓	✓
48	Common House Martin	Delichon urbicum	/	/	✓	/	/	/		/
49	Cetti's Warbler	Cettia cetti	Н	Н	Н	<u> </u>	<u> </u>	1		
50	Long-tailed Tit	Aegithalos caudatus	+ ''	ļ · · ·				/	✓	\vdash
51	Western Bonelli's Warbler	Phylloscopus bonelli			Н			-	-	\vdash
52	Sedge Warbler	Acrocephalus schoenobaenus			Н.					
53	Eurasian Blackcap	Sylvia atricapilla	Н	Н	Н	Н	✓		Н	
54	Subalpine Warbler	Sylvia cantillans	111	11	11	11 ✓	_	Н	11	
55	Sardinian Warbler	Sylvia melanocephala	/	✓	✓	✓	✓	11 ✓	Н	
56	Goldcrest	Regulus regulus	'	Н	•			•	11	
57	Eurasian Wren	Troglodytes troglodytes		11					Н	
58	Common Starling	Sturnus vulgaris	 	✓	✓	✓	✓	✓	II ✓	✓
59	Common Blackbird	Turdus merula	,	Н	Н			· ✓		-
60	Common Nightingale	Luscinia megarhynchos		11	H					
61	Blue Rock Thrush	Monticola solitarius			11		LO			
62	Whinchat	Saxicola rubetra		✓			10			
		Oenanthe oenanthe		V ✓						
63	Northern Wheatear									
64	Black-eared Wheatear	Oenanthe hispanica	✓	✓ ✓	✓	✓	✓	✓	✓	✓
65	Italian Sparrow	Passer italiae	+	✓ ✓	'	'	'	, ,	'	V
66	Western Yellow Wagtail	Motacilla flava								
67	White Wagtail	Motacilla alba	-	√	√					
68	Common Chaffinch	Fringilla coelebs	✓	√	√					
69	European Greenfinch	Chloris chloris		Н	Н	Н				
70	European Goldfinch	Carduelis carduelis		✓	✓	√	√	√	√	✓
71	European Serin	Serinus serinus				✓	✓	✓	✓	

				April						
	Common name	Scientific name	15	16	17	18	19	20	21	22
72	Corn Bunting	Emberiza calandra		✓	✓	✓		✓	Н	
73	Cirl Bunting	Emberiza cirlus					Н			

Mammals (S = signs)

1	Roman Mole	Talpa romana	S				S		
2	Red Fox	Vulpes vulpes					✓	✓	
3	Stone Marten	Martes foina					S		
4	Badger	Meles meles					S		
5	Wild Boar	Sus scrofa		S	S	S	✓	S	
6	Vole sp.	Clethrionomys glareolus					✓		

Reptiles & Amphibians

1	Italian Pool Frog	Pelophylax (Rana) bergeri		Н					
2	European Pond Terrapin	Emys orbicularis			✓				
3	Moorish Gecko	Tarentola mauritanica	LO						
4	Western Green Lizard	Lacerta bilineata						✓	
5	Italian Wall Lizard	Podarcis sicula		✓	✓	✓	✓	✓	

Butterflies

1	Swallowtail	Papilio machaon	✓		✓	✓		
2	Large White	Pieris brassicae	✓		✓	✓		
3	Small White	Pieris rapae					✓	
4	Eastern Bath White	Pontia edusa	✓		✓			
5	Orange Tip	Anthocharis cardamines					✓	
6	Clouded Yellow	Colias crocea		✓			✓	
7	Berger's Clouded Yellow	Colias alfacariensis				✓		
8	Brimstone	Gonepteryx rhamni	✓					
9	Green Hairstreak	Callophrys rubi	✓					
10	Small Copper	Lycaena phlaeas					✓	
11	Lang's Short-tailed Blue	Leptotes pirithous	✓					
12	Little Blue	Cupido minimus				✓		
13	Holly Blue	Celastrina argiolus					✓	
14	Green-underside Blue	Glaucopsyche alexis	✓				✓	
15	Baton Blue	Pseudophilotes baton				✓	✓	
16	Adonis Blue	Lysandra bellargus			✓	✓	✓	
17	Common Blue	Polyommatus icarus	✓	✓	✓	✓	✓	
18	Speckled Wood	Parage aegeria aegeria					✓	
19	Wall Brown	Lasiommata megera	✓	✓	✓	✓	✓	
20	Small Heath	Coenonympha pamphilus	✓		✓	✓	✓	
21	Italian Marbled White	Melanargia arge	✓		✓			

Micros Moths

1	A Long-horned Moth	Adela reaumurella				✓	
2	A Long-horned Moth	Nemophora violellus				✓	

Macros Moth (C = caterpillar; N = nymph)

1	Forester	Adscita statices		✓					
2	Scarce Forester	Jordonita globulariae				✓			
3	Franconian Lackey	Malacosoma franconica				С			
4	Greater Peacock Moth	Saturnia pyri			✓	✓	✓	✓	

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						Ap	ril			
	Common name	Scientific name	15	16	17	18	19	20	21	22
5	Wave sp.	-				✓				
6	Wave sp.	-							✓	
7	Pine Carpet	Thera firmata				✓				
8	Double-striped Pug	Gymnoscelis rufifasceata				✓				
9	Annulet type	Charissa mucidaria				✓				
10	Annulet Type	Charissa obscurata				✓				
11	Muslin Moth	Diaphora mendica				✓				
12	Cream-spot Tiger	Epicallia villica		✓	✓	✓				
13	Nine-spotted	Amata phegea		✓		✓				
14	A Noctuid	Synthymia fixa		✓						
15	Luna Double-stripe	Minucia lunaris					✓			
16	Small Purple-barred	Phytometra viridaria			✓					

Other Invertebrates

1	Roesell's Bush Cricket	Metriooptera roesellii			✓			N	
2	A Groundhopper	Tetrix c.f. undulata			✓				
3	Green Shield Bug	Palomena prasina						✓	
4	Gendarme Bug	Lygaeus sp.		✓					
5	an Ascalaphid	Libelloides coccajus						✓	
6	St. Mark's Fly	Bibio marci				✓			
7	Drone-fly	Eristaleis tenax						✓	
8	Large Yellow-headed Wasp	Megascolia bidens		✓					
9	A black Mining Bee	Adrena pilipes	✓		✓				
10	Carpenter Bee	Xylocopa violacea	✓						
11	Honey Bee	Apis mellifera		✓				✓	
12	Buff-tailed Bumblebee	Bombus terrestris	✓	✓					
13	White-tailed Bumblebee	Bombus lucorum	✓						
14	Common Carder Bee	Bombus hypnorum						✓	
15	Rose Chafer	Cetonia aurata.	✓						
16	Yellow-haired Barbary Bug	Tropinota squalida	✓						
17	Green Tiger Beetle	Cicindela campestris					✓		
18	Rhinocerus Beetle	Copris lunaris		✓		✓	✓		
19	'Fat-thigh' Beetle	Oedemera nobilis	✓				✓		
20	Glow-worm	Lampyris noctiluca		✓					
21	Two-spot Ladybird	Adalia bipunctata						✓	
22	Long-horn Beetle	Agapanthia intermedia	✓						
23	Bloody-nosed Beetle	Timarcha tenebricosa					✓		
24	Green Leaf Beetle	Chrysomelidae sp.	✓		✓				
25	Black Millipede	Tachypodoiulus niger			✓	✓	✓	✓	

Gastropod Molluscs

1	Round-mouthed Snail	Pomatia elegans	✓					
2	Brown-lipped Banded Snail	Cepaea nemoralis	✓				✓	
3	White-lipped Banded Snail	Cepaea hortensis	✓	✓	✓	✓		