

Croatia & Slovenia – Spring in Istria

Naturetrek Tour Report

3 - 10 May 2018



Duke of Burgundy Fritillary



European Grass Snake



Ophrys bertolonii



Southern White Admiral

Report compiled by Paul Tout & Paul Harmes
Images courtesy of Mark Elliot



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Tour participants: Paul Tout and Paul Harmes (leaders) with 16 Naturetrek clients

Day 1

Thursday 3rd May

Stansted to Trieste, transfer to Istarske Toplice

The tour participants met with Paul H. at the departures gate at Stansted Airport for the early afternoon Ryanair Flight FR168 to Trieste in NE Italy. Upon our arrival, just after 5pm and passing through passport control we collected our luggage and on to arrivals where we met up with Paul T, our local tour leader. With our luggage loaded into the minibuses, we set off towards Istria with the aim of passing through the very attractive historic centre of Trieste and then on along the motorway beyond the city towards Koper-Capodistria, the main port in Slovenia. Many, indeed most of the place-names in this report are in two languages, Croatian (or Slovene) and Italian. At the crossroads of Europe where the three main language groups meet (Romance, Slav and Germanic), the area is an ethnic mix with large areas of bi- (and even tri-) lingualism.

Taking the road for the centre of Trieste along the *Costiera* we stopped at the *Galleria naturale* for views across the Gulf of Trieste and towards the Slovenian and Croatian coast of Istria. Alpine Swifts nest in a colony on the cliffs beside the tunnel and they flew above and below us, sometimes close enough to hear the rush of their wings in the still evening air.

Passing through the centre of Trieste, the city looked very fine in the sunshine, especially the Viennese-style waterfront and main square, the only one in Italy opening onto the sea. The industrial outskirts of the city are less attractive but the smell of roasting coffee in the air close to the Illy headquarters made up for some of this.

We arrived at destination in time to unpack and brush up and ate a very nice meal at our regular restaurant, *Dolina*, in the village of Gradinje, close to the hotel. Scops Owls & Nightingales were calling and singing at the hotel on our return.

Day 2

Friday 4th May

Kamenjak Peninsula, Pula, Mirna Valley

After breakfast at 8am, we met up outside the hotel at 9am, before embarking on our first full day. Normally the first day would be one spent orientating ourselves around the hotel grounds which are extremely rich in wildlife. Today however the local weather forecast was very poor. Luckily, Istria has a trick up its sleeve in the summer: while, with southerly winds (the “*scirocco*”) the hilly areas inland may be being doused in powerful downpours, the coast is often dry and sunny. To avoid the poor weather we headed for the driest and sunniest part of Istria, the Kamenjak peninsula in the far south beyond the city of Pula-Pola, about 70 minutes away along the motorway.

The Kamenjak peninsula and its southernmost tip, Punta Premantura, are surrounded by the Adriatic on three sides. This position not only renders the area particularly dry, about 600mm of rainfall a year, but also makes the winter climate extremely mild, comparable with areas much further south along the Adriatic, and frosts are rare and slight. This makes it a haven for the flora and fauna of Mediterranean scrub and grassland and it is especially famous for its orchid species. The area was an important base for the Yugoslav National Army until the

country's breakup in 1991, a fact that saved the area from the development that has damaged much of the coastline.

The bird fauna on Kamenjak is not particularly abundant, but Tawny Pipit, Whinchat, and Red-backed Shrike were all seen well as we arrived and a few Pallid Swift were seen racing around close to their colony in a sea-cave but unfortunately were not seen visiting the site. Winter storms appear to have swept away the nests from cavities in the cliff-face and have dumped large cobbles, some weighing the best part of a kilogramme, on ledges five metres above the sea. White Wagtail, and Barn Swallow were evidently nesting in the old military bunkers close to our van while Cirl Bunting, Common Nightingale and Subalpine Warbler could be heard singing in the Phillyrea and Prickly Juniper scrub that covers much of the peninsula. Yellow-legged Gulls were the only birds seen on the sea but while we were having lunch with a steady stream of European Bee-eaters passing over there was a *frisson* of real excitement when a pale phase Eleanor's Falcon was spotted passing through although it didn't stop unfortunately. This species is a regular migrant at Kamenjak in May (Paul T. has seen it 3 times in about 10 visits) and nests further south on the island of Vis and surrounding islets SW of the city of Split, with about 25 pairs in Croatia. The birds wander widely in late spring before breeding and are seen as far north as the head of the Adriatic near Trieste.

Although dry, the day was rather chilly with only occasional sunny spells, nevertheless there were a few butterflies on the wing including Common Swallowtail, Wall Brown, Painted Lady, Holly Blue, Small Heath, Green-underside Blue, Green Hairstreak and Eastern Baton Blue.

But the main stars at Kamenjak are the plants. After the heavy winter rains (and compared to the dry late winter and spring of 2017) the Mediterranean scrub of Phillyrea, Prickly Juniper, Spiny Ivy, Hairy Rockrose, Montpellier Cistus, Myrtle, Mastic and Holm Oak looked in superb condition. A good list of orchids was soon assembled, including Bumblebee, Dark Spider and Bertoloni's Bee Orchids, Man, Pink Butterfly, Tongue and Scarce Tongue Orchids.

Apart from orchids there was much else to see in the scrubby grassland including the strange Evax, Yellow-wort and Lesser Centaury of the gentian family, Biennial Flax, the pungent Curry-plant or Helichrysum and Wild Sage, White Horehound, the very attractive Canary Clover as well as lots and lots of Large Quaking and Hare's-tail Grass, both favourites of dried flower arrangements but here looking nice and fresh and green. In the splash zone beside the sea there were stands of Rock Samphire and, in cracks in the rocks, the tiny and very strange-looking Netted Sea-lavender *Limonium cancellatum*.

Invertebrates of interest included the Dor Beetle *Geotrupes stercorarius* in the spectacular metallic blue form found in coastal Croatia, several Carpenter Bees *Xylocopa* sp., the common Egyptian Grasshopper *Anacridum aegyptium* in the scrubland, a small wood-scorpion, probably *Euscorpius tergestinus* and the froghopper *Cercopis vulneraria*. Several very tame Dalmatian Wall Lizards were seen in the scrub close to the sea. Given the large number of people present at the site in the summer months, these reptiles are probably well-habituated to human beings.

On our way back to the hotel we stopped off to see the spectacular Roman Arena at Pula which is the sixth largest in the world still standing and once had seating for 20,000 spectators. Istria is close to Aquileia, just north of Venice, once one of the largest cities of the Roman Empire, and its 100,000 population became very rich by trading wine, olive oil and other foodstuffs until the city was sacked and utterly destroyed by Attila the Hun in

452 A.D. Its population fled to the lagoon and marshes and went on to found the much more durable and defensible Venice! Some birds were added to the list on the journey back including Honey Buzzard and Short-toed Eagle.

Day 3

Saturday 5th May

Around the hotel grounds, Nova Vas, Tar-Torre and Mirna Valley

After dodging the severe inland downpours of the previous day (showing themselves in the flooding along the River Mirna-Quieto and the standing water across much of the farmland), today the weather had improved sufficiently to allow us to begin to examine the area around the hotel itself. This is set between magnificent Karst limestone cliffs and the riparian oak forest of St. Mark which once provided much of the timber for the shipyards in Venice and now produces large quantities of truffles. Raven, “wild” Rock Doves, Serin, Chaffinch, Blackcap, Nightingale, Greenfinch, Blue Tit and Marsh Tit all made themselves seen or heard as we skirted the perimeter of the grounds and the forest bordering the River Mirna.

Lots of additions were made to the plant list including Italian Catchfly, Adriatic Lizard Orchid just coming into flower, with Burnt Candytuft, Wall Rue, Rustyback and Maidenhair Ferns in the old walls around the site together with Biting Stonecrop, the larval foodplant of the Chequered Blues we saw around the site. Other butterflies seen included Heath Fritillary, Small Heath, Green-underside Blue, Wood White, Small White, Marsh Fritillary and Wall Brown.

Other plants recorded included Cretan Crown-vetch, Meadow Clary, Burr Medic, Adriatic Lizard Orchid, Blue Bugle, Nicean Milkwort, Hairy Cinquefoil, Ground-pine, Corsican Stonecrop, Tasteless Stonecrop, Yellow Pea, Tommasini’s Goatsbeard, Marsh Bird’s-foot Trefoil, European Bellflower, Lady’s Bedstraw, Asparagus-pea, Yellow Vetchling, Bastard Balm, White Helleborine and Lady Orchid, Black Bryony, the local green helleborine *Helleborus multifidus*, Broad Buckler-fern, Perennial lettuce, Lady’s Lace, *Pseudofumaria alba*, Red Pea, Burnt Candytuft, Upright Woundwort, Christ's Thorn, Turpentine Tree, Crimson Clover, Scorpion Senna, Rampion Bellflower, Slender-flower Thistle, Field Pepperwort, the umbellifer *Seseli gouanii* and the aliens Paper Mulberry and Ivy-leaved Toadflax.

Invertebrates seen included the Mediterranean Banded Centipede *Scolopendra cingulatus*, Rose Chafer, European Hornet *Vespa crabro*, the froghopper *Cercopis vulneraria*, the assassin bug *Pirates hybridus* and the fire-bug *Pyrhocoris apterus* as well as Cream-spot Tiger, Pale Tussock and Common Heath moths together with Marsh Frog, Dalmatian Algyroides and Ascapulean Snake making up the “herps”.

After a lunch on the “stone tables” (actually concrete table tennis tables!) in the shade close to the crazy golf course we headed off to nearby Nova Vas where there is a splendid area of low intensity land with a large range of arable weeds, species seriously threatened in Europe, including Field Bindweed, Corn Buttercup, Cornflower, Turkish Rocket, Large Venus's-looking-glass, Field Pansy, Wild Radish and Lovage. The area is excellent for farmland birds and we had good views of Turtle Dove and Golden Oriole while the low intensity farmland supports good numbers of butterflies and we saw Small Copper, Swallowtail, Marsh Fritillary, Green-underside Blue, Orange Tip, Southern White Admiral and Brown Argus while the Spindle Trees were covered with the webs of the Spindle Ermine Moth *Yponomeuta cagnagella*.

Fifteen minutes from Nova Vas are some remarkable meadows near Tar-Torre, until recently the property of Ivica Todorić, formerly the richest man in Croatia whose company Agrokor, the largest in the Balkans, collapsed in bankruptcy and scandal in 2017 and who is currently fighting extradition in London (as of 4th July 2018)!

Thin reddish clay soils overly the solid limestone bedrock, grazed intermittently by horses and mules and the grasslands are a rich spread of the bright purple-headed cow-wheat *Melampyrum carstiense*, Crimson Clover, Meadow Clary, Dropwort, Dyer's Greenweed, Dark Spider Orchid and Tassel Hyacinth but the main feature is thousands of Pink Butterfly Orchids *Anacamptis papilionacea*. The specimens, in better condition and much larger than those we had seen at Prematura featured a couple of very attractive hybrids with the small numbers of Green-winged Orchids present. Clearly closely related and both now in the genus *Anacamptis*, the Green-winged usually finish flowering earlier but what was noticeable was that the specimens of *A. morio* growing in the deep shade of the scattered Prickly Juniper had only just finished flowering, allowing them to overlap with the first flush of the Pink Butterfly.

There were plenty of butterflies present on the site including Sooty Copper, Common Blue, Clouded Yellow, Marsh Fritillary, Glanville Fritillary and Wood White as well as Rose Chafers and Egyptian Grasshopper. Birds were well-represented with Subalpine Warbler, Golden Oriole, Hawfinch, Common Buzzard, Green Woodpecker and Eurasian Hoopoe, and, for the second year in succession a pair of Woodchat Shrike. This is the only pair that Paul T. know of in Istria and the area is worthy of investigation to see if other birds are present.

Returning towards the hotel, we passed up the Mirna River from the coast inland. Birds seen on the lagoon near the mouth of the river included Yellow-legged and Black-headed Gull, Great Cormorant, Mediterranean Shag of the *desmaresti* subspecies, the juveniles of which have white bellies, Little Egret and Common Sandpiper.

Moving inland onto freshwater, the area is riddled with escaped Coypu which were seen well together with Mute Swan, Grey Heron, a small, and sadly brief flock of Red-rumped Swallow, Grey-headed Yellow Wagtail of the *thunbergi* subspecies (on passage) as well as Great Spotted Woodpecker and Melodious Warbler.

The rich roadside vegetation included European Birthwort, Marsh Mallow, Common Reed, Mediterranean Cane, Yellow Flag, Dwarf Elder and Hop.

Day 4

Sunday 6th May

High plateau above Buzet, Kraski Rob & Rakitovec, Skocjanski zatok

Today we visited the Slovenian north of Istria passing the border at Sočerga. After a brief “technical delay” we stopped for a few minutes at the lovely church of Sveti Juri with a large area of karstic grassland at the back of the church. A Short-toed Eagle was seen hunting across the grasslands, a species that seems to be increasing in Istria in recent years. Corn Bunting and Woodlark were seen and heard in song and in the grassland we saw Slender Broomrape and Wild Peony. Butterflies included Wall Brown and Common Swallowtail and a Lace Border moth.

From here we moved on to the vast Karst grasslands of the *Kraski rob* (Karst edge) near Rakitovec, first admiring the large stands of the Steppe-grass *Stipa eriocaulis*, the long silky glumes giving it the local name of “Fairies’ Flax” in Italian, Slovene and Croatian. Early May is an excellent time of year to see the flora of this habitat before it

dries up and we saw Common Globe Flower, the Goldendrop *Onosma stellutata* (formerly *O. javorkae*), Silky Greenweed, Jurinea, Horseshoe Vetch, Dittany and Common Rock-rose, Swallow-wort, Smokebush, Rue, Rock Buckthorn, Dorycnium, Green-winged Orchid, White Wormwood, Cypress Spurge, Three-toothed Orchid, Mountain Kidney Vetch, and the tiny (but abundant) umbellifer Honewort.

Birds were rather scarce but included Common Kestrel, Barn Swallow, Woodlark and Whinchat although as we were arriving we saw a small flock of Yellow Wagtails amongst a herd of cows. A brief check before they flew off revealed several different subspecies included Blue-headed (ssp. *flava*), Grey-headed (ssp. *thunbergi*) and Black-headed Yellow Wagtails (ssp. *feldegg*) on migration.

Invertebrates included the fire-bug *Pyrrhocoris apterus*, the Mediterranean Banded Centipede *Scolopendra cingulatus* and the spectacular but threatened Eastern Stone Grasshopper *Prionotopis hystrix*. This species is widespread on the Steppe in Asia but a relict in various dry grassland habitats in central and southern Europe including the Karst. Butterflies and moths seen included Southern Festoon, Berger's Clouded Yellow (much commoner here than Pale Clouded Yellow as the former's larval food plant of Horseshoe Vetch is abundant), Scarce Swallowtail, Green Hairstreak, Small Heath, Speckled Wood of the orange form *tircis*, Cream-spot Tiger and Mother Shipton.

After a picnic lunch we moved to the bird reserve of Skočjanski zatok-Val Stagnon near the port city of Koper-Capodistria. Managed by DOPPS, the Slovenian Birdlife partner, the reserve is semi-urban and split between a freshwater marsh and a large brackish lagoon right beside the main port. The area was saved from complete destruction by a large public campaign and is now an important and well-managed reserve visited by thousands of Slovene schoolchildren each year.

Birds seen included Barn Swallow, Blackcap, Purple Heron, Mallard, Mute Swan, Magpie, Common Buzzard, Cetti's Warbler, Great Reed Warbler, Common Pochard, Redshank, Curlew, Common and Little Terns, Great Cormorant, Black-winged Stilt, Great Crested Grebe, Little Grebe, Little Egret and Grey Heron, Shoveler and Greylag Goose.

One real surprise was an Osprey, a rare passage migrant in spring around the Northern Adriatic. Ospreys rarely stop for long in spring but this individual was intent on looking for fish in the freshwater pools. A reed-bed on the northern edge of the reserve had been cut this spring and the area was being used by a range of very tame waders including a dozen or so Wood Sandpipers, a couple of Temminck's Stints and a Ruff. Interesting plants were rather scarce, apart from Round-leaved Birthwort and Gypsywort.

Several species of Odonata were seen including Broad-bodied Chaser *Libellula depressa*, Blue-tailed Damselfly *Ischnura elegans*, Norfolk Hawker *Aeshna isosceles* and Large Red Damselfly *Pyrrhosoma nymphula*. Other invertebrates included the crambid moth *Chrysocrambus cassentiniellus*, Speckled Wood, Egyptian Grasshopper *Anacridium aegyptium* and excellent views of spectacular Great Diving Beetles *Dytiscus marginalis* intent on hunting the shoals of the small, alien Mosquito-fish *Gambusia holbrooki* drawn to the warm water in the shallows.

One lucky participant saw and photographed a Western Whip Snake with a small rodent in its mouth but the most numerous "herp" on the site were the large numbers of Marsh Frogs - the main food for most of the herons.

Overnight a Tawny Owl made itself heard loud and clear in the woodland behind the hotel and a Great Oak Beauty was drawn to the lights of the building.

Day 5

Monday 7th May

Poklon Pass, Mala Učka, Prusijani, Brgudac

Today the weather had cleared sufficiently for us to visit the highest parts of the Istrian interior and we made our way southeast from Buzet towards the Poklon Pass, an area of subalpine woodland and grassland where the Croatian and Istrian government have set up the Učka Nature Park. While Paul T. paid the tickets we were able to look out across the Kvarner Gulf and towards the islands of Cres-Cherso and Krk-Veglia with the city of Rijeka-Fiume on the coast and the 2,000 metre high Velebit chain, some of the wildest, most roadless and least inhabited land east of the Urals, stretching all the way down the coast to the city of Split and beyond.

Our first stop was near the Josip II spring, a roadside fountain for travellers at the top of the pass, commissioned by the Holy Roman Emperor Joseph II (1741-1790 and the father of Maria Theresa) and the superb nearby meadows. At his wife's suggestion, Sir Richard Burton crossed the pass in November 1889 to stay in the resort of Opatija-Abbazia on the gulf below and escape the terrible weather in Trieste (where he lived) for a few days. He finally made it home in early March of 1890! Butterflies included Orange Tip, Southern Festoon, Duke of Burgundy, Small Heath and Berger's Clouded Yellow together with the moths Speckled Yellow, Latticed Heath, Scarce Black Arches and Mother Shipton while other invertebrates included Scopoli's Longhorn Beetle *Cerambyx scopolii*, and Roman Snail.

Some of the interesting plants included Long Birthwort (the larval foodplant of the Southern Festoon which was seen egg-laying), Martagon Lily, *Helleborus multifidus*, Wild Peony, Fly Honeysuckle and Herb Paris in a rich hedgerow running down along a lane beside the meadows as well as Whorled Lousewort, Spring and Cross-leaved Gentians, Green-winged and Military Orchids and the beautiful Scopoli's Ragwort closely resembling Arnica.

On Mala Učka, a large area of sub-alpine grassland and scrub we added a still-flowering Lady Orchid, Green-winged Orchids and Cowslips *Primula veris* of the subspecies *columnae*. These are large and resemble a deep yellow Oxlip (an Alpine species in this part of Europe - like the *veris* subspecies of Cowslip - and not present in Istria). Ssp. *columnae* Cowslips have been extensively used in wild flower seed mixes in UK in recent years and may well become established in the wild in some areas. Birds were thin on the ground but we saw or heard Common Nightingale, Red-backed Shrike, Cuckoo, Common Chiffchaff and a singing male Ortolan Bunting. The Učka Nature Park is home to the last major Ortolan population in the northern Balkans but even here it is in decline. A deceased Slow-worm and a Green Lizard *Lacerta bilineata* made up the herpetological component while moths included some "fly-by" Tau Emperors and a Speckled Yellow with Grizzled Skipper and Green Hairstreak new to the butterfly list. The cricket *Melanogryllus desertus* and the spectacular (and protected) longhorn beetle *Morimus funereus* were also seen.

Moving on, we stopped in some lovely dry subalpine meadows north of the village of Prusijani in inner Istria with huge numbers of Field Crickets making themselves heard. Paul T. "tickled" a male out of his burrow using a blade of grass so that everyone could see it. Little Blue, Common Blue, Clouded Yellow, and Marsh Fritillary butterflies were seen as well as Lace Border, Common Heath and *Chrysocrambus cassentiniellus* moths.

There was a wide range of plants including Green-winged, Three-toothed and Military Orchid, Mountain Kidney-vetch, Silky Greenweed, Slender Broomrape and Italian Corn Salad, with White Asphodel a little further along the road where a freshly-dead road casualty, a Horn-nosed Viper was also found.

We turned down a minor road towards the village of Brgudac, the scene of a terrible World War Two massacre by Axis forces which saw the settlement almost completely depopulated. As a result a vast area of farmland and grazing was abandoned and has been reverting to scrub for more than seventy-five years. Birds were rather few and far between but included Nightingale, Cuckoo, Chiffchaff and Whitethroat. The warm scrub was largely made up of Flowering Ash, Mahaleb Cherry and Common Juniper and had patches of Dittany, Grass-leaved Iris, Wild Peony, Poet's Narcissus, Pale Iris and Villous Viper's-grass. Marsh Fritillary and Scarce Swallowtail were also seen.

We had lunch on the outskirts of Brgudac itself, seeing Chequered Skipper, Grizzled Skipper, and Berger's Clouded Yellow during lunch, at which point the weather began to deteriorate and we headed back towards the hotel.

For the 'coalition of the willing', a quick walk was arranged along the Mlaka stream close to the hotel which yielded Western Whip Snake, Yellow-bellied Toad and Marsh Frog together with plenty of butterflies including Red Admiral, Comma, Berger's Clouded Yellow, Large Tortoiseshell and Southern White Admiral. The plants included Marsh Bird's-foot Trefoil, Bloody Cranesbill and Meadow Vetchling. Insects seen included Hornet.

As usual, Scops Owl and Tawny Owl were heard on our return from the restaurant where a Fan-foot and a Four-spotted Moth were seen.

Day 6

Tuesday 8th May

Plateau above Istarske toplice, Laganisi, Sv. Marija, Cepici, Oportalj

After yesterday's trip to Inner Istria we had a local day on the plateau above the hotel. Our first stop was at Stelchin where we looked at an interesting roadside verge bank with Wood Spurge, Wood White and a large *Dactylorhiza* sp. hybrid swarm. While clearly containing plenty of Common Spotted Orchid *D. fuchsii*, this rapidly-expanding swarm is dizzying in the variety of its morphologies and colours (from almost white through to deep fuschia) and flowers extremely early, with the first spikes appearing in mid-April this year, two months earlier than the usual period in this species.

Close by, Sveti Lucija was the set-off point for our morning walk through the Istrian countryside towards Laganisi and Jadroni, starting off through woodland of Black Pine and Oriental Hornbeam. The rocky verges along the track were rich in wild flowers including Yellow Vetchling, Spiny Asparagus, Dittany, Silky Greenweed, Violet Limodore, Basket-of-Gold Alyssum, Slender Broomrape, the cow-wheat *Melampyrum carstiense*, Bloody Pink, Adriatic Lizard Orchid and Three-toothed Orchid.

There seemed to be a complete dearth of defoliating *Tortrix* sp. caterpillars in the area this spring, perhaps because of the late frosts and birds were few-and-far-between but included Turtle Dove, Nightingale, Cirl Bunting and Spotted Flycatcher. There were also plenty of butterflies in the warm sunshine including Wood White, Brown Argus, Wall Brown, Dingy Skipper, Glanville Fritillary, Adonis Blue, Scarce Swallowtail, Grizzled

Skipper, Woodland Ringlet, Southern White Admiral, Orange Tip, Common and Little Blue, Small Copper, Clouded Yellow, Large Wall Brown, Small Heath, Heath Fritillary and a female Clouded Yellow of the pale form *helice*. Other invertebrates included the froghopper *Cercopis vulneraria*, the beefly *Bombylius major*, the Black Mining Bee *Andrena pilipes*, the soldier beetle *Trichodes apiarius* and the Rose Chafer *Cetonia aurata*. Moths included a Transparent Burnet *Zygaena purpuralis* and Speckled Yellow.

In the village of Lagansi we saw several abandoned houses. Some have already been restored as holiday homes but the only remaining local farmer, now in his seventies, had told Paul T. that one of them, with a large olive millstone outside its front door and a collapsed stone roof, was left empty after the severe winter of 1929, the harshest of the 20th century in this part of the world, which killed all the family's olive trees. They then emigrated to the United States. Most of the “dead” olives re-sprouted and in fact many of the olive trees in Istria are now multi-stemmed, “coppiced” by the severe winters of 1929, 1963 and 1985.

For lunch we moved to the church of Sveti Marija, a Medieval country chapel serving several local villages, surrounded by beautiful meadows and set on a cap of limestone in an area of flysch mudstone and thus with an interesting flora including Mountain Pasqueflower, Dropwort, Green-winged, Lesser Butterfly and Three-toothed Orchid. Butterflies included Small Heath, both Glanville and Marsh Fritillary, Common, Silver-studded and Little Blue, Berger's Clouded Yellow (yet again), Wood White and Scarce Swallowtail with Cream-spot Tiger, Franconian Lackey [caterpillar], Lace Border, Common Heath and Silver-Y added to the moth list for the day. Birds were again scarce with just Whitethroat, Corn Bunting, Barn Swallow and Raven added to the lists.

Our final stop of the day was at Čepić-Ceppici, a *polje* in the Karst not far away. A *polje* is a flat-floored depression set in karst limestone areas with a long axis developing in parallel with a water course, in this case the Pasjak stream which begins life underground but surfaces along the *polje* and has eroded away the surrounding limestone. Čepić is the point where the river disappears underground from where it follows a clear line of *dolinas* or sinkholes across the landscape before reappearing several kilometres away, warmer and bit radioactive, in the thermal springs at our base!

The walk down into the *polje* yielded several interesting species including Shining Cranesbill, Mossy Sandwort, Hepatica, Lady Orchid and Common Twayblade, White Helleborine and Common Cudweed while the damp meadows were host to several interesting plants including Summer Snowflake, and the pool and outflow held Grass Snake, Marsh Frog and Italian Great Crested Newt. Odonata included Broad-bodied Chaser *Libellula depressa*, Common Blue-tail *Ischnura elegans* and Azure Bluet *Coenagrion puella* as well as a strange dark (and fast-moving) dragonfly that, unfortunately, remained unidentified!

Our evening meal this evening was in Oprtalj-Portole, making for a change in scene with plenty of Common Swift and House Martin seen, the briefest of glimpses of a Scops Owl and a Tawny Owl heard. Bats were much in evidence around the restaurant and included a species of Pipistrelle and Noctule Bat *Nyctalus noctula*.

Day 7

Wednesday 9th May

Cicarija,

Our last full day in Istria and the weather was sufficiently fine in the morning for us to attempt to visit the subalpine Karst grassland above Buzet. These harsh habitats are baking hot in summer and freezing in winter

and have been disappearing under scrub in a process of abandonment that has been going on for more than a century. Astride the Slovenian-Croatian border, the most striking feature of the area was the new 2.5 metre fence topped with razor-wire that now snakes across the landscape, with gates on the road where it pops in and out of the territory of the two countries. This was first erected (in the form of rolls of barbed wire) in response to the migrant crisis in the summer of 2015 and attracted considerable controversy as it trapped large mammals including Red Deer and continues to prevent the movement of other species including Grey Wolf and Brown Bear. Our first stop, directly above the town itself produced some new plants for the trip including Carniolan (= Carnic) Lily and a range of species we had already seen including Smoke-bush, Dittany, White Wormwood, Rue, Silky Greenweed and Pale Iris. A few birds were seen including Common Whitethroat, Common Kestrel and Barn Swallow. A Rock Bunting was heard but refused to “play ball”. Scarce Swallowtail, Large Wall Brown and Marsh Fritillary were also seen.

We moved on to an area of mixed woodland close by and despite the weather visibly worsening we added some interesting plants including White Helleborine, Birdsnest Orchid, Common Twayblade and the scarce Liquorice Milkvetch. One new species added to the herpetological list was Common (Viviparous) Lizard which at these latitudes is a high altitude species, being replaced by the various species of Wall Lizard at lower levels. A final stop on a roadside view before the rain came down included the spectacular electric-blue Austrian Flax.

Once again we were forced to make a run for the coast about 20 minutes away where the sun was clearly shining, stopping at the village of Serbani for lunch where we saw Black-tailed Skimmer *Orthetrum cancellatum*, Ladybird Spider *Eresus sandaliatus* and Brown Fat-thighed Beetle *Oedemera barbara*, as well as Woodlark and Serin.

Plants in this thermophilic site included Butcher’s Broom, Nicean Spurge, Felty Germander, the strange Ovate Goatgrass and Field Eryngo. Butterflies included Adonis and Common Blue but the bad weather had continued to follow us and Paul T. decided to “play our joker”, making a run for the very north-western tip of Istria, Savudrija-Salvore, where, for geomorphological reasons, this type of weather rarely arrives. As we made our way towards Savudrija the heavens opened almost immediately and firstly hail and then rain rattled down onto the vans.

As predicted, when we were about 20 minutes from our destination we emerged into sunshine and blue skies leaving the black clouds and precipitation behind us. On the coast at Savudrija-Salvore there were some interesting plants including Thorn-apple, Spiny Starwort, Bithynian Vetch and Long Pricklyhead Poppy while the butterflies seen included Speckled Wood [of the form *tivis*], Meadow Brown, Sooty Copper, Mallow Skipper, Wood White, Clouded Yellow, Small Heath, Brown Argus, Adonis and Reverdin’s Blue, Wall Brown and Scarce Swallowtail.

Plenty of birds were seen and heard including Nightingale, Whitethroat, Pheasant, Woodpigeon, Blue Tit, Hooded Crow, Common Tern, Mediterranean Shag of the subspecies *desmarestii*, Corn Bunting, Yellow-legged Gull and Melodious Warbler. A single migrant Pied Flycatcher was also encountered. Two interesting observations were made. The first was a calling Bobwhite Quail, with some participants seeing three birds and others a singleton. Istria is the last place in Europe where this introduced North American species persists, having died out in Italy and elsewhere. One participant described seeing a pair of birds that resembled Eastern Olivaceous Warblers. We waited but they didn’t reappear. We had only moved on about 150 metres and another two males were heard in song! This is a very rare species in Istria and here we were within sight of the Italian

coast where the species is considered a vagrant! The very dry and sunny Savudrija area, with stands of Mediterranean Cane is proving something of a hotspot for this species in recent years. Green Lizard (*Lacerta bilineata*) was also seen.

At this point it was time to head back towards the hotel. We had remained dry and were looking forward to our last meal at the Dolina restaurant. As usual Scops Owls were active on our return from the restaurant. The first live Slow-worm of the week as well as Great Oak Beauty and Hook-tip moth were also seen.

Day 8

Thursday 10th May

Škuljari, Carsiana botanical gardens, Isola della Cona NR and Trieste – Stansted

Our final morning saw us leave the hotel on time at 09:00 and we made our way to a site of some damp meadows that had escaped us with the bad weather we had been dodging during the week, close to the village of Škuljari along the River Bračana. Here we added Pyramidal and Lax-flowered Orchids and some remarkable dark hybrids between the two, with the structure of *Anacamptis pyramidalis* and the colour of *A. laxiflora* as well as the Long-lipped Tongue Orchid and many Adriatic Lizard Orchids just coming into flower. Small Heath and Marsh Fritillary were also seen. As we were getting back into the vans Paul T. spotted a trio of raptors over the pinewoods at the back of the meadow. These proved to be three Honey Buzzards moving north, probably on migration as they were up and about very early for this species compared to breeding pairs.

From here we crossed back into Slovenia from Croatia without incident and on into Italy from where we made our way to the botanical gardens of Carsiana near Sgonico-Zgonik close to Trieste. These gardens were founded in 1964 by a pharmacist and several botanists from the University of Trieste to collect and display the flora of the Karst. It would have been nice to start the week here but this 6,000 m² themed garden with ca. 500 species from the local flora rounded off the week off in plant terms and was an excellent way to revise what we had seen.

In addition to the plants (many of which are native to the garden but many of which are planted) dragonflies included Broad-bodied Chaser *Libellula depressa* and Downy Emerald *Cordulia aenea*. Other insects included Buff-tailed Bumblebee *Bombus terrestris*, Rose Chafer *Cetonia aurata*, and a Violet Carpenter Bee *Xylocopa violacea*. A splendid male Dalmatian Algyroides was seen by several participants while on the Lepidoptera front a Franconian Lackey caterpillar and a Duke of Burgundy were of interest.

From here it was just 30 minutes to the nature reserve at Isola della Cona, a freshwater wetland set in a larger 2200ha reserve made up of brackish marshes, mudflats, river gravels and shallow sea at the mouth of River Isonzo. While originally set up as a bird reserve (it has one of the longest bird lists in Europe - 327 species – due to its position at a migration hotspot at the head of the Adriatic) it is also close to the limestone Karst and just 50km from the first 2000m peaks in the Alps and supports a lot of other animals and plants of interest.

After a picnic lunch we added quite a few species to the week's checklist including Pygmy Cormorant, Lapwing, and Hawfinch together with wetland species we had seen elsewhere but the main attractions were the splendid Bee-eaters back from Africa and performing amazingly well in front the hide where a colony of about 30 pairs breeds annually. Both the introduced Red-eared Terrapin *Trachemys scripta elegans* and the native European Pond Terrapin *Emys orbicularis* were seen as well as Edible Frog *Rana kl. esculenta* and a few plant species not seen

elsewhere during the week including the alien False Indigo, Greater Meadow-rue, Ragged Robin and Bee Orchid. A final dragonfly species, the Brown Hawker *Aeshna grandis* was also noted.

By now it was time to make our way to the airport just a quarter of an hour away to catch the late afternoon flight back to London from Trieste. “Working” the weather had not made things easy during the week, with hail and heavy downpours inland but we had managed to avoid getting caught out in any of them, taking advantage of the decent dry weather that is usually to be had on the coast. This meant we had missed some sites, but had been able to add others to the itinerary, Paul T’s local knowledge proving invaluable on this occasion.

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European Bee-eater

Species Lists

Plants ([] = Introduced or escape)

| Scientific Name | Common Name | Location |
|---|-----------------------|------------------------------|
| PTERIDOPHYTES | | |
| Calamophytes | | |
| Equisetaceae | | |
| <i>Equisetum arvense</i> | Field Horsetail | |
| <i>Equisetum fluviatile</i> | Water Horsetail | |
| <i>Equisetum palustre</i> | Marsh Horsetail | Skocjanski Zatok-Val Stagnan |
| <i>Equisetum telmateia</i> | Great Horsetail | Istarske Toplice |
| FERNS & ALLIES | | |
| Horsetails | | |
| Leptosporangiate Ferns | | |
| True Ferns | | |
| Aspleniaceae | | |
| <i>Asplenium officinarum</i> | Rustyback Fern | Istarske Toplice |
| <i>Asplenium ruta-muraria</i> | Wall-rue | Istarske Toplice |
| <i>Asplenium scolopendrium</i> | Hart's-tongue | |
| <i>Asplenium trichomanes</i> subsp. <i>quadrivalens</i> | Maidenhair Spleenwort | Istarske Toplice |
| Athyriaceae | | |
| <i>Athyrium filix-femina</i> | Lady-fern | |
| Dennstaedtiaceae | | |
| <i>Pteridium aquilinum</i> | Bracken | |
| Dryopteridaceae | | |
| <i>Dryopteris dilatata</i> | Broad Buckler Fern | Istarske Toplice |
| <i>Dryopteris filix-mas</i> | Male Fern | |
| Polypodiaceae | | |
| <i>Polypodium australe</i> | Southern Polypody | Istarske Toplice |
| <i>Polypodium vulgare</i> | Common Polypody | |
| GYMNOSPERMS | | |
| CONIFERS | | |
| Cupressaceae | | |
| <i>Juniperus communis</i> | Juniper | Poklon Pass |
| <i>Juniperus oxycedrus</i> | Prickly Juniper | Kamenjak Peninsula |
| Pinaceae | | |
| <i>Pinus nigra</i> | Black Pine | Rob near Rakitovec |
| <i>Pinus pinaster</i> | Maritime Pine | Kamenjak Peninsula |
| Taxaceae | | |
| <i>Taxus baccata</i> | Yew | |

| Scientific Name | Common Name | Location |
|----------------------------------|-------------------------|------------------------------|
| ANGIOSPERMS | | |
| FLOWERING PLANTS | | |
| Pre-Dicots | | |
| Primitive Angiosperms | | |
| Aristolochiaceae | | |
| <i>Aristolochia clematitis</i> | Yellow Birthwort | Mirna River bank |
| <i>Aristolochia pallida</i> | - | Lagansi area |
| <i>Aristolochia rotunda</i> | Round-leaved Birthwort | Skocjanski Zatok-Val Stagnan |
| <i>Asarum europaeum</i> | Asarabacca | |
| Eu-dicots | | |
| True Dicotyledons | | |
| Adoxaceae | | |
| <i>Sambucus ebulus</i> | Danewort or Dwarf Elder | Mirna River bank |
| <i>Sambucus nigra</i> | Elder | Roadsides |
| <i>Sambucus racemosa</i> | Red-Berried Elder | |
| <i>Viburnum lantana</i> | Wayfaring Tree | |
| <i>Viburnum opulus</i> | Guelder Rose | Riserva Isola della Cona |
| Amaranthaceae | | |
| <i>Atriplex portulacoides</i> | Sea Purslane | Skocjanski Zatok-Val Stagnan |
| <i>Chenopodium clauca</i> | Fat Hen | Savudrija |
| Anacardiaceae | | |
| <i>Cotinus coggygria</i> | Smoke Bush | Istarske Toplice |
| <i>Pistachia terebinthus</i> | Turpentine Tree | Kamenjak Peninsula |
| <i>Pistachia lentiscus</i> | Mastic Tree | Kamenjak Peninsula |
| Apiaceae | | |
| <i>Aegopodium podagraria</i> | Ground Elder | S of Istarske Toplice |
| <i>Anthriscus sylvestris</i> | Cow Parsley | |
| <i>Berula erecta</i> | Lesser Water Parsnip | Riserva Isola della cona |
| <i>Daucus stamonium</i> | a Carrot | Savudrija |
| <i>Eryngium campestre</i> | Field Eryngium | Kamenjak Peninsula |
| <i>Foeniculum vulgare</i> | Fennel | Savudrija |
| <i>Hacquetia epipactis</i> | Hacquetia | |
| <i>Levisticum officianale</i> | Lovage | Nova Vas |
| <i>Orlaya grandiflora</i> | White-lace Flower | Istarske Toplice |
| <i>Sanicula europaea</i> | Sanicle | |
| <i>Scandix pecten-veneris</i> | Shepherd's-needle | |
| <i>Seseli gouanii</i> | - | Istarske Toplice |
| <i>Smyrniium perfoliatum</i> | Perfoliate Alexanders | Rob, near Rakitovec |
| <i>Trinia glauca</i> | Honewort | |
| <i>Tordylium apulum</i> | Masterwort | Kamenjak Peninsula |
| Apocynaceae | | |
| <i>Vinca major</i> | Periwinkle | Savudrija |
| <i>Vinca minor</i> | Lesser Periwinkle | |
| <i>Vincetoxicum hirundinaria</i> | Swallow-wort | Kamenjak Peninsula |
| Araliaceae | | |
| <i>Hedera helix</i> | Ivy | Istarske Toplice |

| Scientific Name | Common Name | Location |
|--|---|------------------------------|
| Betulaceae | | |
| <i>Carpinus betulus</i> | Birch Family Hornbeam | Istarske Toplice |
| <i>Carpinus orientalis</i> | Eastern Hornbeam | Lagansi area |
| <i>Corylus avellana</i> | Hazel | |
| <i>Ostrya carpinifolia</i> | Hop-hornbeam | |
| Boraginaceae | | |
| <i>Buglossoides (Lithospermum) purpureocaerulea</i> | Forget-me-not Family Purple Gromwell | |
| <i>Cerinthe minor</i> | Lesser Honeywort | |
| <i>Echium vulgare</i> | Viper's-bugloss | Istarske Toplice |
| <i>Omphalodes verna</i> | Blue-eyed Mary | |
| <i>Onosma echioides (O. javorkae)</i> | a Goldendrop | Rob near Rakitovec |
| <i>Pulmonaria officinalis</i> | Lungwort | |
| <i>Symphytum bulbosum</i> | Tuberous Comfrey | Poklon Pass |
| <i>Symphytum officinale</i> | Comfrey | |
| <i>Myosotis arvensis</i> | Field Forget-me-Not | Istarske Toplice |
| Brassicaceae | | |
| <i>Aethionema saxatile</i> | Cabbage Family Burnt Candytuft | Istarske Toplice |
| <i>Alyssum saxatile</i> | Golden Alyssum | Lagansi area |
| <i>Alliaria petiolata</i> | Garlic Mustard | Poklon Pass |
| <i>Arabis glabra</i> | Tower Mustard | Kamenjak Peninsula |
| <i>Arabis hirsuta</i> | Hairy Rock-cress | |
| <i>Arabis turrita</i> | Tower-cress | Istarske Toplice |
| <i>Biscutella laevigata</i> | Buckler Mustard | |
| <i>Cardamine bulbifera</i> | Coralroot Bitter-cress | Poklon Pass |
| <i>Cardamine enneaphyllos</i> | Drooping Bitter-cress | |
| <i>Cardamine pratensis</i> | Lady's Smock | |
| <i>Lepidium campestris</i> | Field Pepper-wort | Istarske Toplice |
| <i>Lepidium (Cardaria) draba</i> | Hoary Cress | Skocjanski Zatok-Val Stagnan |
| <i>Lunaria annua</i> | Honesty | |
| <i>Raphanus rahanistrum</i> subsp. <i>raphanistrum</i> | Wild Raddish | Nova Vas |
| <i>Sisymbrium officinale</i> | Hedge Mustard | Serbani |
| Campanulaceae | | |
| <i>Campanula</i> c.f. <i>bononiensis</i> | Bellflower Family - | Istarske Toplice |
| <i>Campanula rapunculus</i> | Rampion Bellflower | Kamenjak Peninsula |
| <i>Campanula patula</i> | Spreading Bellflower | Rob, near Rakitovec |
| <i>Legousia speculum-veneris</i> | Large Venus's-looking-glass | Nova Vas |
| Cannabaceae | | |
| <i>Humulus lupulus</i> | Cannabis Family Hop | Mirna River bank |
| Caprifoliaceae | | |
| <i>Dipsacus fullonum</i> | Honeysuckle Family Teasel | |
| <i>Knautia arvensis</i> | Field Scabious | Lagansi area |
| <i>Knautia drymeia</i> | - | |
| <i>Lonicera etrusca</i> | Etruscan Honeysuckle | Kamenjak Peninsula |
| <i>Lonicera xylostemum</i> | Fly Honeysuckle | Poklon Pass |
| <i>Valeianella dentata</i> | Narrow-fruited Cornsalad | Sterna |
| <i>Valerianella eriocarpa</i> | Hairy-fruited Cornsalad | N of Prusijani |

| Scientific Name | Common Name | Location |
|---|-------------------------|-----------------------------|
| Caryophyllaceae | | |
| <i>Arenaria serpyllifolia</i> | Thyme-leaved Sandwort | Mali Ucka |
| <i>Dianthus carthusianorum</i> | Carthusian Pink | |
| <i>Dianthus sanguineum</i> | - | Lagansi area |
| <i>Gypsophila repens</i> | - | |
| <i>Moehringia muscosa</i> | - | Cepic |
| <i>Moehringia tammasinii</i> | a Sandwort | Istarske Toplice |
| <i>Silene (Lychnis) flos-cuculi</i> | Ragged-Robin | Reserva Isola della Cona |
| <i>Silene gallica subsp. gallica</i> | Small-flowered Catchfly | Kamenjak Peninsula |
| <i>Silene gallica subsp. quinquevulnera</i> | Small-flowered Catchfly | Kamenjak Peninsula |
| <i>Silene italica</i> | Italian Catchfly | |
| <i>Silene latifolia</i> | White Campion | Istarske Toplice |
| <i>Silene nutans</i> | Nottingham Catchfly | |
| <i>Silene vulgaris</i> | Bladder Campion | Istarske Toplice |
| <i>Petrorhagia dubia (P. veluntina)</i> | | Kamenjak Peninsula |
| <i>Petrorhagia saxifraga</i> | Tunic Flower | Istarske Toplice (leaves) |
| Celastraceae | | |
| <i>Euonymus europaeus</i> | Spindle | Nova Vas |
| <i>Euonymus verrucosus</i> | Eastern Spindle | |
| Cistaceae | | |
| <i>Cistus x incarnus</i> | Pink Cistus | Kamenjak Peninsula |
| <i>Cistus monspeliensis</i> | Narrow-leaved Cistus | Kamenjak Peninsula |
| <i>Helianthemum canum</i> | Hoary Rock-rose | Kamenjak Peninsula |
| <i>Helianthemum nummularium</i> | Rock-rose | |
| <i>Tuberaria c.f. echioides</i> | a Spotted Rock-rose | Kamenjak Peninsula |
| <i>Tuberaria guttata</i> | Spotted Rock-rose | |
| Compositae (Asteraceae) | | |
| <i>Achillea millefolium</i> | Yarrow | |
| <i>Arctium lappa</i> | Greater Burdock | Skocjanski Zatok-Val Stagon |
| <i>Arctium nemorosum</i> | a Burdock | Above Brest |
| <i>Arnica montana</i> | Arnica | Poklon Pass |
| <i>Artemisia alba</i> | - | Rob, near Rakitovec |
| <i>Artemisia maritima</i> | Sea Wormwood | Savudrija |
| <i>Artemisia vulgaris</i> | Mugwort | Savudrija |
| <i>Bellis perennis</i> | Daisy | Kamenjak Peninsula |
| <i>Bellis sylvatica</i> | Southern Daisy | |
| <i>Bupthalmum salicifolium</i> | Yellow Ox-eye | N of Prusijani |
| <i>Carduus tenuiflorus</i> | Slender Thistle | Istarske Toplice |
| <i>Centaurea cyanus</i> | Cornflower | Nova vas |
| <i>Centaurea montana</i> | Perennial Cornflower | |
| <i>Centaurea triumfettii</i> | Squarrose Knapweed | Lagansi area |
| <i>Cichorium intybus</i> | Chicory | |
| <i>Cirsium helenioides</i> | Melancholy Thistle | |
| <i>Dittrichia viscosa</i> | Stink Aster | Istarske Toplice |
| <i>Erigeron annuus</i> | Annual Fleabane | |
| <i>Filago (Evax) pygmaea</i> | Evax | Kamenjak Peninsula |
| <i>Hieracium pilosella</i> | Mouse-Eared Hawkweed | |
| <i>Hyoseris radiata</i> | - | |
| <i>Jurinea mollis</i> | Jurinea | Rob, near Rakitovec |
| <i>Lactuca perennis</i> | Blue Lettuce | Istarske Toplice |

| Scientific Name | Common Name | Location |
|--|----------------------------|------------------------------|
| <i>Leucanthemum vulgare</i> | Ox-eye daisy | Buzet |
| <i>Pallenis spinosa</i> | Pallenis | Savudrija |
| <i>Scorzonera villosa</i> | Villous Viper's-grass | N of Brgudac |
| <i>Serratula tinctoria</i> | Saw-wort | |
| <i>Tragopogon pratensis</i> | Goat's-beard | Istarske Toplice |
| <i>Tragopogon tommasinii</i> | Tommasini's Goat's-beard | |
| <i>Urospermum dallachampii</i> | Urospermum | Kamenjak Peninsula |
| <i>Urospermum picroides</i> | - | Kamenjak Peninsula |
| Convolvulaceae | Bindweed Family | |
| <i>Convolvulus althaeoides</i> subsp. <i>tenuissimus</i> | - | Kamenjak Peninsula |
| <i>Convolvulus arvensis</i> | Field Bindweed | Istarske Toplice |
| <i>Convolvulus cantabricus</i> | Pink Convolvulus | Istarske Toplice |
| <i>Cuscuta campestris</i> | Field Dodder | |
| Cornaceae | Dogwood Family | |
| <i>Cornus austriaca</i> | - | Between Buzet & Brest |
| <i>Cornus mas</i> | Cornelian Cherry | |
| <i>Cornus sanguinea</i> | Dogwood | |
| Crassulaceae | Stonecrop Family | |
| <i>Sedum acre</i> | Common Yellow Stonecrop | Istarske Toplice |
| <i>Sedum dasyphyllum</i> | Fat-leaved Stonecrop | Istarske Toplice |
| <i>Sedum sexangulare</i> | Tasteless Stonecrop | Istarske Toplice |
| Cucurbitaceae | White Bryony Family | |
| <i>Bryonia dioica</i> | White Bryony | |
| Ericaceae | Heather Family | |
| <i>Erica arborea</i> | Tree Heather | |
| Euphorbiaceae | Spurge Family | |
| <i>Euphorbia amygdaloides</i> | Wood Spurge | Stelchin |
| <i>Euphorbia characias</i> subsp. <i>characias</i> | Large Mediterranean Spurge | |
| <i>Euphorbia cyparissias</i> | Cypress Spurge | Kamenjak Peninsula |
| <i>Euphorbia dulcis</i> | Sweet Spurge | Poklon Pass |
| <i>Euphorbia fragifera</i> | Strawberry Spurge | Kamenjak Peninsula |
| <i>Euphorbia helioscopia</i> | Sun Spurge | Istarske Toplice |
| <i>Euphorbia myrsinites</i> | - | Kamenjak Peninsula |
| <i>Euphorbia nicaeensis</i> | - | |
| <i>Mercurialis perennis</i> | Dog's Mercury | |
| Fagaceae | Beech Family | |
| <i>Fagus sylvatica</i> | Beech | Poklon Pass |
| <i>Quercus cerris</i> | Turkey Oak | Mali Ucka |
| <i>Quercus ilex</i> | Holm Oak | Kamenjak Peninsula |
| <i>Quercus petraea</i> | Sessile Oak | |
| <i>Quercus pubescens</i> | Downy Oak | Skocjanski Zatok-Val Stagnan |
| <i>Quercus robur</i> | Pendunculate Oak | |
| Fumariaceae | Fumitory Family | |
| <i>Pseudofumaria alba</i> | White Corydalis | Istarske Toplice |
| <i>Fumaria officinalis</i> | Common Fumitory | Istarske Toplice |

| Scientific Name | Common Name | Location |
|--|-------------------------|----------------------|
| Gentianaceae | | |
| <i>Blackstonia perfoliata</i> | Yellow-wort | Kamenjak Peninsula |
| <i>Centaurium erythraea</i> | Common Centaury | |
| <i>Centaurium maritimum</i> | Yellow Centaury | Kamenjak Peninsula |
| <i>Centaureum pulchellum</i> | Small Centaury | Kamenjak Peninsula |
| <i>Gentiana cruciata</i> | Cross Gentian | Poklon Pass |
| <i>Gentiana verna</i> | Spring Gentian | Poklon Pass |
| Geraniaceae | | |
| <i>Geranium columbinum</i> | Long-stalked Cranesbill | Kamenjak Peninsula |
| <i>Geranium dissectum</i> | Cut-leave Cranesbill | Istarske Toplice |
| <i>Geranium lucidum</i> | Shining Cranesbill | Cepic |
| <i>Geranium molle</i> | Dovesfoot Cranesbill | Istarske Toplice |
| <i>Geranium purpureum</i> | Little-Robin | Istarske Toplice |
| <i>Geranium robertianum</i> | Herb-Robert | Poklon Pass |
| <i>Geranium sanguineum</i> | Bloody Cranesbill | Rob, near Rakitovec |
| <i>Geranium sylvaticum</i> | Wood Cranesbill | |
| Globulariaceae | | |
| <i>Globularia punctata</i> | Common Globularia | Rob, near Rakitovec |
| <i>Globularia cordifolia</i> | Matted Globularia | Mali Ucka |
| Lauraceae | | |
| <i>Laurus nobilis</i> | Bay Tree | Istarske Toplice |
| Lamiaceae | | |
| <i>Ajuga chamaepitys</i> | Ground Pine | Istarske Toplice |
| <i>Ajuga genevensis</i> | Blue Bugle | Istarske Toplice |
| <i>Ajuga reptans</i> | Bugle | |
| <i>Clinopodium acinois (Acinos arvensis)</i> | Basil-thyme | |
| <i>Glechoma hederacea</i> | Ground-ivy | Poklon |
| <i>Lamium galaeobdolon</i> agg. | Yellow Archangel | |
| <i>Lamium garganicum</i> | Large Red Dead-nettle | Istarske Toplice |
| <i>Lamium maculatum</i> | Spotted Dead-nettle | |
| <i>Lamium orvala</i> | Balm-leaved Archangel | Poklon Pass |
| <i>Marrubium vulgare</i> | White Hoarehound | Kamenjak Peninsula |
| <i>Mentha aquatica</i> | Water Mint | Cepic |
| <i>Mentha longifolia</i> | Horse Mint | Savudrija |
| <i>Origanum vulgare</i> | Marjoram | |
| <i>Salvia fruticosa</i> | Three-leaved Sage | Kamenjak Peninsula |
| <i>Salvia glutinosa</i> | Jupiter's Disstaff | Poklon Pass (leaves) |
| <i>Salvia officinalis</i> | Garden Sage | |
| <i>Salvia pratensis</i> | Meadow Clary | Kamenjak Peninsula |
| <i>Salvia verbenaca</i> | Wild Clary | Kamenjak Peninsula |
| <i>Satureja montana</i> | Winter Savory | Rob, near Rakitovec |
| <i>Satureja subspicata</i> | Lilac-flowered Savory | |
| <i>Stachys recta</i> | Yellow Woundwort | Istarske Toplice |
| <i>Teucrium chamaedrys</i> | Wall Germander | |
| <i>Thymus longicaulis</i> | a Thyme | |
| <i>Thymus polytrichus</i> | Wild Thyme | Istarske Toplice |
| <i>Thymus pulegioides</i> | Large Thyme | Mali Ucka |

| Scientific Name | Common Name | Location |
|--|------------------------------|------------------------------|
| Leguminosae (Fabaceae) | Pea Family | |
| <i>[Amorpha fruticosa]</i> | False Indigo | Riserva isola della Cona |
| <i>Anthyllis montana</i> subsp. <i>jacquinii</i> | Mountain Kidney-vetch | Rob near rakitovec |
| <i>Anthyllis vulneraria</i> agg. | Kidney-vetch | Kamenjak Peninsula |
| <i>Astragalus glycyphyllos</i> | Wild Liquorice | Above Brest |
| <i>[Cercis siliquastrum]</i> | Judas Tree | |
| <i>Chamacytiscus hirsutus</i> | Hairy Broom | Sterna |
| <i>Colutea arborescens</i> | Bladder Senna | |
| <i>Dorycnium pentaphyllum</i> subsp. <i>germanicum</i> | Common Dorycnium | NE of Savudrija |
| <i>Dorycnium hirsutum</i> | Hairy Dorycnium | Kamenjak Peninsula |
| <i>Genista tinctoria</i> | Dyer's Greenweed | Tar |
| <i>Genista sagittalis</i> | Winged Broom | Sterna |
| <i>Genista sericea</i> | - | Rob near Rakitovec |
| <i>Hippocrepis comosa</i> | Horseshoe Vetch | N of Prusijani |
| <i>Hippocrepis emerus</i> (<i>Coronilla emerus</i>) | Shrubby Scorpion-vetch | Kamenjak Peninsula |
| <i>Laburnum anagyroides</i> | Laburnum | |
| <i>Lathyrus aphaca</i> | a Yellow Vetchling | Nova Vas |
| <i>Lathyrus latifolius</i> | Broad-leaved Everlasting-pea | Lagansi area |
| <i>Lathyrus pratensis</i> | Meadow vetchling | |
| <i>Lathyrus venetus</i> | Venetan Vetchling | |
| <i>Lathyrus vernus</i> | Spring Vetch | Poklon Pass |
| <i>Lotus corniculatus</i> | Bird's-foot-trefoil | Tar |
| <i>Lotus maritimus</i> (<i>Tetragonolobus maritimus</i>) | Dragon's-teeth | Istarske Toplice |
| <i>Lotus pedunculatus</i> (<i>L. uliginosus</i>) | Greater Bird's-foot-trefoil | Istarske Toplice |
| <i>Lupinus varius</i> | Blue Lupin | |
| <i>Medicago lupulina</i> | Black Medick | Kamenjak Peninsula |
| <i>Medicago minima</i> | Bur Medick | Kamenjak Peninsula |
| <i>Medicago orbicularis</i> | Round-fruited Medick | Kamenjak Peninsula |
| <i>Medicago polymorpha</i> | Toothed Medick | Istarske Toplice |
| <i>Medicago sativa</i> subsp. <i>sativa</i> | Lucerne | Istarske Toplice |
| <i>Onobrychis viciifolia</i> | Sainfoin | |
| <i>Ononis viscosa</i> | Sticky Restharrow | Kamenjak Peninsula |
| <i>[Robinia pseudoacacia]</i> | False Acacia/Black Locust | Roadsides |
| <i>Scorpiurus muricatus</i> | Prickly Scorpion's-vetch | Kamenjak Peninsula |
| <i>Securigera cretica</i> | Cretan Crown-vetch | Istarske Toplice |
| <i>Securigera securidaca</i> | Goat-pea | Istarske Toplice |
| <i>Securigera varia</i> | Crown Vetch | Skocjanski Zatok-Val Stagnan |
| <i>Spartium junceum</i> | Spanish Broom | Kamenjak Peninsula |
| <i>Trifolium arvense</i> | Hare's-foot clover | |
| <i>Trifolium campestre</i> | Hop-trefoil | Kamenjak Peninsula |
| <i>Trifolium incarnatum</i> subsp. <i>incarnatum</i> | Crimson Clover | Nova Vas |
| <i>Trifolium incarnatum</i> subsp. <i>molineri</i> | Pale Crimson Clover | Tar |
| <i>Trifolium medium</i> | Zig-zag Clover | Sterna |
| <i>Trifolium montanum</i> | Mountain Clover | N of Prusijani |
| <i>Trifolium pratense</i> | Red Clover | Istarske Toplice |
| <i>Trifolium repens</i> | White Clover | Istarske Toplice |
| <i>Trifolium scabrum</i> | Rough Clover | Kamenjak Peninsula |
| <i>Trifolium stellatum</i> | Star Clover | Kamenjak Peninsula |
| <i>Vicia bythinicum</i> | Bythinian Vetch | NE of Savudrija |
| <i>Vicia cassubica</i> | Danzig Vetch | Kamenjak Peninsula |
| <i>Vicia cracca</i> | Tufted Vetch | N of Prusijani |
| <i>Vicia hybrida</i> | - | Kamenjak Peninsula |
| <i>Vicia lutea</i> | Yellow Vetch | Istarske Toplice |

| Scientific Name | Common Name | Location |
|---|--|---|
| <i>Vicia oroboides</i> <i>Vicia sativa</i> subsp. <i>sativa</i> | - Common Vetch | Nova Vas |
| Linaceae <i>Linum austriacum</i> <i>Linum bienne</i> <i>Linum catharticum</i> <i>Linum strictum</i> | Flax Family - Pale Flax Purging Flax Upright Yellow Flax | Between Buzet & Brest Kamenjak Peninsula Kamenjak Peninsula Kamenjak Peninsula |
| Loranthaceae <i>Loranthus europaeus</i> | Mistletoe Family a Mistletoe | |
| Malvaceae <i>Althaea officinalis</i> <i>Malva sylvestris</i> | Mallow Family Marsh Mallow Common Mallow | Mirna River bank Istarske Toplice |
| Moraceae [<i>Broussonetia papyrifera</i>] <i>Ficus carica</i> | Mulberry Family Paper Mulberry Fig | Naturalised Kamenjak Peninsula |
| Myrtaceae <i>Myrtus communis</i> | Myrtle Family Common Myrtle | |
| Oleaceae <i>Fraxinus angustifolia</i> <i>Fraxinus excelsior</i> <i>Fraxinus ornus</i> <i>Ligustrum vulgare</i> <i>Phillyrea latifolia</i> | Olive Family Narrow-leaved Ash Ash Manna or Flowering Ash Wild Privet Broad-leaved Phillyrea | Lagansi area Roadsides Istarske Toplice Kamenjak Peninsula |
| Orobanchaceae <i>Bellardia trixago</i> <i>Melampyrum karstiense</i> <i>Melampyrum cristatum</i> <i>Orobanche caryophyllacea</i> <i>Orobanche flava</i> <i>Orobanche gracilis</i> <i>Orobanche rapum-genistae</i> <i>Pedicularis verticillata</i> <i>Rhinanthus minor</i> agg. | Broomrape Family - Karst Cow-wheat Crested Cow-wheat Clove-scented/Bedstraw Broomrape Yellow Broomrape Slender Broomrape Greater Broomrape Whorled Lousewort Yellow-rattle | Tar Sterna Sveti Juri N of Prusijani Poklon Pass Sterna |
| Oxalidaceae <i>Oxalis pes-caprae</i> [<i>Oxalis articulata</i>] | Wood-sorrel Family Bermuda Buttercup Pink Oxalis | Naturalised |
| Paeoniaceae <i>Paeonia officinalis</i> | Peaony Family - | Sveti Juri |
| Papaveraceae <i>Chelidonium majus</i> <i>Papaver argemone</i> <i>Papaver rhoeas</i> | Poppy Family Greater Celandine Long-headed Prickly Poppy Common Poppy | Lagansi area Savudrija Nova Vas |

| Scientific Name | Common Name | Location |
|--|-------------------------------|-----------------------------|
| Plantaginaceae | | |
| <i>Cymbalaria muralis</i> | Ivy-leaved Toadflax | Istarske Toplice |
| <i>Plantago argentea</i> | - | Rob near Rakitovec |
| <i>Plantago bellardii</i> (<i>P. holostea</i>) | Hairy Plantain | Kamenjak Peninsula |
| <i>Plantago coronopus</i> | Buck's-horn Plantain | Kamenjak Peninsula |
| <i>Plantago crassifolia</i> | - | Savudrija |
| <i>Plantago lagopus</i> | Hare's-tail Plantain | Kamenjak Peninsula |
| <i>Plantago lanceolata</i> | Ribwort Plantain | Kamenjak Peninsula |
| <i>Plantago major</i> | Greater Plantain | Stelchin |
| <i>Plantago maritima</i> | Sea Plantain | Kamenjak Peninsula |
| <i>Plantago media</i> | Hoary Plantain | Istarske Toplice |
| <i>Veronica arvensis</i> | Wall Speedwell | Istarske Toplice |
| <i>Veronica chamaedrys</i> | Germander Speedwell | |
| <i>Veronica hederifolia</i> | Ivy-leaved Speedwell | |
| <i>Veronica polita</i> | Grey Field Speedwell | Cepic |
| Polygalaceae | | |
| <i>Polygala chamaebuxus</i> | Shrubby Milkwort | |
| <i>Polygala nicaeensis</i> | Nicean Milkwort | Tar |
| Polygonaceae | | |
| <i>Rumex acetosa</i> | Common Sorrel | Istarske Toplice |
| <i>Rumex crispus</i> | Curled Dock | Skocjanski Zatok-Val Stagon |
| <i>Rumex pulcher</i> | Fiddle Dock | Lagansi area |
| Primulaceae | | |
| <i>Anagallis arvensis</i> subsp. <i>arvensis</i> | Scarlet Pimpernel (also blue) | Kamenjak Peninsula |
| <i>Anagallis arvensis</i> subsp. <i>foemina</i> | Blue Pimpernel | |
| <i>Primula elatior</i> | Oxlip | |
| <i>Primula veris</i> subsp. <i>suaveolens</i> (<i>P. columnae</i>) | - | Mali Ucka |
| Ranunculaceae | | |
| <i>Aconitum napellus</i> | Monk's-hood | |
| <i>Actaea spicata</i> | Baneberry | Poklon Pass |
| <i>Anemone hortensis</i> | Broad-leaved Anemone | |
| <i>Anemone nemorosa</i> | Wood Anemone | Poklon Pass |
| <i>Caltha palustris</i> | Marsh Marigold | |
| <i>Clematis recta</i> | Upright Clematis | Riserva Isola della Cona |
| <i>Clematis vitalba</i> | Traveller's Joy | |
| <i>Helleborus multifidus</i> | - | Poklon Pass |
| <i>Helleborus niger</i> | Christmas Rose | Istarske Toplice |
| <i>Hepatica nobilis</i> | Hepatica | Cepic (leaves) |
| <i>Pulsatilla montana</i> | Mountain Pasqueflower | |
| <i>Ranunculus acris</i> | Meadow Buttercup | Istarske Toplice |
| <i>Ranunculus arvensis</i> | Corn Buttercup | Nova Vas |
| <i>Ranunculus bulbosus</i> | Bulbous Buttercup | Lagansi area |
| <i>Thalictrum aquilegifolium</i> | Meadow-rue | Riserva Isola della Cona |
| <i>Thalictrum minus</i> | Lesser Meadow-rue | Lagansi area |
| Resedaceae | | |
| <i>Reseda lutea</i> | Mignonette | Lagansi area |

| Scientific Name | Common Name | Location |
|-------------------------------|---|------------------------------|
| Rhamnaceae | | |
| <i>Paliurus spina-christi</i> | Buckthorn Family Christ's-thorn | |
| <i>Rhamnus saxatilis</i> | Rock Buckthorn | Rob, near Rakitovec |
| Rosaceae | | |
| <i>Crataegus monogyna</i> | Rose Family Hawthorn | |
| <i>Filipendula vulgaris</i> | Dropwort | Tar |
| <i>Fragaria vesca</i> | Wild Strawberry | Mali Ucka |
| <i>Geum urbanum</i> | Wood Avens | Poklon |
| <i>Potentilla anserina</i> | Silverweed | |
| <i>Potentilla australis</i> | - | Cepic |
| <i>Potentilla cinerea</i> | Grey Cinquefoil | Cepic |
| <i>Potentilla erecta</i> | Tormentil | |
| <i>Potentilla recta</i> | Sulphur Cinquefoil | |
| <i>Potentilla reptans</i> | Creeping Cinquefoil | Skocjanski Zatok-Val Stagnan |
| <i>Prunus mahaleb</i> | St. Lucie's Cherry | Rob, near Ratitovec |
| <i>Prunus spinosa</i> | Blackthorn | Savudrija |
| <i>Rosa canina</i> agg. | Dog Rose | Tar |
| <i>Rosa spinosissima</i> | Burnet Rose | Poklon Pass |
| <i>Rubus caesius</i> | Dewberry | opp. Istarske Toplice |
| <i>Rubus idaeus</i> | Raspberry | |
| <i>Rubus fruticosus</i> agg. | Bramble | Kamenjak Peninsula |
| <i>Sanguisorba minor</i> | Salad Burnet | Kamenjak Peninsula |
| <i>Sorbus aria</i> | Whitebeam | Mali Ucka |
| <i>Sorbus aucuparia</i> | Rowan | Rob, near Rakitovec |
| <i>Sorbus torminalis</i> | Wild Service Tree | |
| Rubiaceae | | |
| <i>Galium aparine</i> | Bedstraw Family Cleavers | Tar |
| <i>Galium cruciata</i> | Crosswort | Istarske Toplice |
| <i>Galium lucidum</i> | - | Istarske Toplice |
| <i>Galium mollugo</i> | Hedge Bedstraw | Kamenjak Peninsula |
| <i>Galium verum</i> | Lady's Bedstraw | Istarske Toplice |
| <i>Rubia peregrina</i> | Wild Madder | Kamenjak Peninsula |
| <i>Sherardia arvensis</i> | Field Madder | Kamenjak Peninsula |
| <i>Valantia hispida</i> | Valantia | Kamenjak Peninsula |
| Rutaceae | | |
| <i>Dictamnus albus</i> | Rue Family Burning-bush/Dittany | Sveti Juri |
| <i>Ruta officinalis</i> | Rue | Rob, near Rakitovec |
| Salicaceae | | |
| <i>Populus alba</i> | Willow Family White Poplar | |
| <i>Populus nigra</i> | Black Poplar | |
| <i>Populus tremula</i> | Aspen | Above Brest |
| <i>Salix alba</i> | White Willow | Riserva Isola della Cona |
| <i>Salix cinerea</i> | Grey Willow | opp. Istarske Toplice |
| Santalaceae | | |
| <i>Osyris alba</i> | Sandalwood Family - | Kamenjak Peninsula |
| <i>Thesium divaricatum</i> | A Bastard Toadflax | Above Brest |

| Scientific Name | Common Name | Location |
|---|------------------------------|-----------------------------|
| Sapindaceae | Maple Family | |
| <i>Acer campestre</i> | Field Maple | Istarske Toplice |
| <i>Acer monspessulanum</i> | Montpelier Maple | |
| <i>Acer opalus</i> | Italian Maple | Poklon Pass |
| <i>Acer platanoides</i> | Norway Maple | |
| <i>Acer pseudoplatanus</i> | Sycamore | Poklon Pass |
| Scrophulariaceae | Figwort Family | |
| <i>Scrophularia canina</i> | French or Dog Figwort | Serbani |
| <i>Verbascum phoeniceum</i> | Purple Mullein | Lanagsi area |
| Simaroubaceae | Tree of Heaven family | |
| <i>Ailanthus altissima</i> | Tree of Heaven | Lanagsi area |
| Solanaceae | Nightshade Family | |
| <i>Solanum dulcamara</i> | Woody Nightshade | |
| Staphylaeaceae | Bladdernut Family | |
| <i>Staphylaea pinnata</i> | Bladder-nut | |
| Tamaricaceae | Tamarisk Family | |
| <i>Tamarix gallica</i> | Tamarisk | Mirna River bank |
| Thymelaeaceae | Daphne Family | |
| <i>Daphne laureola</i> | Spurge-laurel | |
| <i>Daphne mezereum</i> | Mezereon | |
| Tiliaceae | Lime Family | |
| <i>Tilia cordata</i> | Small-leaved Lime | Istarske Toplice |
| Ulmaceae | Elm Family | |
| <i>Celtis australis</i> | Southern Nettle Tree | |
| <i>Ulmus glabra</i> | Wych Elm | |
| Urticaceae | Nettle Family | |
| <i>Parietaria officinalis</i> | Pellitory-of-the-Wall | Istarske Toplice |
| <i>Urtica dioica</i> | Common Nettle | Skocjanski Zatok-Val Stagon |
| Violaceae | Violet Family | |
| <i>Viola arvensis</i> | Field Pansy | Nova Vasa |
| <i>Viola elatior</i> | Shrubby Violet | |
| Monocots | | |
| Amaryllidaceae | Daffodil Family | |
| <i>Allium ursinum</i> | Ramsons | |
| <i>Leucojum aestivum</i> | Summer Snowflake | |
| <i>Narcissus poeticus</i> var. <i>radiiflorus</i> | Poet's Narcissus | |
| Araceae | Arum Family | |
| <i>Arum italicum</i> subsp. <i>italicum</i> | Italian Lords and Ladies | Skocjanski Zatok-Val Stagon |

| Scientific Name | Common Name | Location |
|---|------------------------------|------------------------------|
| Asparagaceae | Asparagus Family | |
| <i>Asparagus acutifolius</i> | Spiny Wild Asparagus | Istarske Toplice |
| <i>Bellevalia trifoliata</i> | - | |
| <i>Convallaria majalis</i> | Lily-of-the-valley | |
| <i>Leopoldia (Muscari) comosum</i> | Tassel Hyacinth | Kamenjak Peninsula |
| <i>Ornithogalum comosum</i> | Star-of-Bethlehem | |
| <i>Ornithogalum pyrenaicum</i> | Bath Asparagus | Istarske Toplice |
| <i>Ornithogalum umbellatum</i> | Umbellate Star-of-Bethlehem | Kamenjak Peninsula |
| <i>Polygonatum multiflorum</i> | Common Solomon's-seal | Poklon Pass |
| <i>Polygonatum odoratum</i> | Scented Solomon's-seal | |
| <i>Polygonatum verticillatum</i> | Whorled Solomon's-seal | |
| <i>Ruscus aculeatus</i> | Butcher's-broom | Kamenjak Peninsula |
| Colchicaceae | Meadow Saffron Family | |
| <i>Colchicum autumnale</i> | Meadow Saffron | Tar |
| Cyperaceae | Sedge Family | |
| <i>Bolboschoenus maritimus</i> | Sea Club-rush | Skocjanski Zatok-Val Stagnan |
| <i>Carex acutiformis</i> | Lesser Pond Sedge | Mirna River bank |
| <i>Carex digitata</i> | Fingered Sedge | |
| <i>Carex distans</i> | Distant Sedge | Skocjanski Zatok-Val Stagnan |
| <i>Carex divulsa</i> | Grey Sedge | Istarske Toplice |
| <i>Carex flacca</i> | Glaucous Sedge | Istarske Toplice |
| <i>Carex hirta</i> | Hairy Sedge | Istarske Toplice |
| <i>Carex otrubae</i> | False Fox Sedge | Skocjanski Zatok-Val Stagnan |
| <i>Carex sylvatica</i> | Wood Sedge | Istarske Toplice |
| <i>Schoenus nigricans</i> | Black Bog-rush | Kamenjak Peninsula |
| Dioscoreaceae | Black Bryony Family | |
| <i>Dioscorea (Tamus) communis</i> | Black Bryony | Istarske Toplice |
| Iridaceae | Iris Family | |
| <i>Gladiolus illyricus</i> | Illyrian Iris | |
| <i>Gladiolus italicus</i> | Field Gladiolus | Near Istarske Toplice |
| <i>Iris graminea</i> | Grass-leaved Iris | N of Brgudac |
| <i>Iris pallida subsp. cengialti</i> | - | N of Brgudac |
| <i>Iris pseudacorus</i> | Yellow Flag | Mirna River bank |
| Liliaceae | Lily Family | |
| <i>Lilium carniolicum</i> | Carnic Lily | Above Buzet |
| <i>Lilium martagon</i> | Martagon Lily | Poklon Pass |
| Melanthiaceae | Herb-paris Family | |
| <i>Paris quadrifolia</i> | Herb-Paris | Poklon Pass |
| Orchidaceae | Orchid Family | |
| <i>Anacamptis (Orchis) coriophora</i> | Bug Orchid | |
| <i>Anacamptis laxiflora</i> | Loose-flowered Orchid | Skuljari |
| <i>Anacamptis morio</i> | Green-winged Orchid | Rob, near Rakitovec |
| <i>Anacamptis (Orchis) papilionacea</i> | Pink Butterfly Orchid | Kamenjak Peninsula |
| <i>Anacamptis pyramidalis</i> | Pyramidal Orchid | Skuljari |
| <i>Cephalanthera damasonium</i> | White Helleborine | Istarske Toplice |
| <i>Cephalanthera longifolia</i> | Sword-Leaved Helleborine | |

| Scientific Name | Common Name | Location |
|---|------------------------------|--------------------------|
| <i>Dactylorhiza incarnata</i> | Early Marsh Orchid | Cepic |
| <i>Gymnadenia conopsea</i> | Fragrant Orchid | |
| <i>Himantoglossum adriaticum</i> | Adriatic Lizard Orchid | Istarske Toplice |
| <i>Limodorum abortivum</i> | Violet Limodore | Tar |
| <i>Neotinea (Orchis) tridentata</i> | Toothed orchid | Rob, near Rakitovec |
| <i>Neotinea ustulata</i> | Burnt-tip Orchid | |
| <i>Neottia nidus-avis</i> | Bird's-Nest Orchid | Above Brest |
| <i>Neottia (Listera) ovata</i> | Twayblade | Cepic |
| <i>Ophrys apifera (inc. O. holoserica)</i> | Bee Orchid | Reserva Isola della Cona |
| <i>Ophrys bertolonii</i> | Bertlonii's Bee Orchid | Kamenjak Peninsula |
| <i>Ophrys bombyliflora</i> | Bumblebee Orchid | Kamenjak Peninsula |
| <i>Ophrys insectifera</i> | Fly Orchid | |
| <i>Ophrys shegodes</i> subsp. <i>atrata</i> (<i>O. incubacaea</i>) | Dark Spider Orchid | Kamenjak Peninsula |
| <i>Ophrys sphegodes</i> subsp. <i>sphgodes</i> | Early Spider Orchid | |
| <i>Orchis anthropophora</i> | Man Orchid | Kamenjak Peninsula |
| <i>Orchis mascula</i> | Early Purple Orchid | Mali Ucka |
| <i>Orchis militaris</i> | Military Orchid | Poklon Pass |
| <i>Orchis pauciflora</i> | Few-flowered Orchid | Mali Ucka |
| <i>Orchis purpurea</i> | Lady Orchid | Istarske Toplice |
| <i>Orchis simia</i> | Monkey Orchid | |
| <i>Platanthera bifolia</i> | Lesser Butterfly Orchid | Near Sterna |
| <i>Serapias lingua</i> | Tongue Orchid | Kamenjak Peninsula |
| <i>Serapias neglecta</i> subsp. <i>apulica</i> (<i>S. istriaca</i>) | Istrian Tongue Orchid | Kamenjak Peninsula |
| <i>Serapias parviflora</i> | Small-flowered Tongue Orchid | |
| <i>Serapias vomeracea</i> | Ploughshare Tongue Orchid | Skuljari |
| <i>Traunsteineria globosa</i> | Round-Headed Orchid | |
| Poaceae | Grass Family | |
| <i>Aegilops geniculata</i> | | |
| <i>Alopecurus myosuroides</i> | Black Twitch | Nova Vas |
| <i>Anisantha sterilis</i> | Barren Brome | Lagansi area |
| <i>Anthoxanthum odoratum</i> | Sweet Vernal-grass | Tar |
| <i>Arrhenatherum elatius</i> | False Oat-grass | Lagansi area |
| <i>Arundo donax</i> | Giant Reed | Mirna River bank |
| <i>Avena barbata</i> | Bristle Oat | Istarske Toplice |
| <i>Avena sterilis</i> | Winter Wild Oat | |
| <i>Briza maxima</i> | Large Quaking Grass | Kamenjak Peninsula |
| <i>Briza media</i> | Quaking Grass | Lagansi area |
| <i>Brachypodium pinnatum</i> | Tor-grass | Istarske Toplice |
| <i>Bromopsis erectus</i> | Upright Brome | Istarske Toplice |
| <i>Bromus hordeaceus</i> subsp. <i>hordeaceus</i> | Soft Brome | Nova Vas |
| <i>Catapodium marinum</i> | Sea Fern-grass | Kamenjak Peninsula |
| <i>Catapodium rigidum</i> | Fern-grass | Kamenjak Peninsula |
| <i>Dactylis glomerata</i> | Cock's-foot | Istarske Toplice |
| <i>Festuca glauca</i> agg. | Blue Fescue | Sterna |
| <i>Festuca rubra</i> agg. | Red Fescue | Lagansi area |
| <i>Holcus lanatus</i> | Yorkshire-fog | |
| <i>Hordeum murinum</i> | Wall Barley | Istarske Toplice |
| <i>Koeleria macrantha</i> | Crested Hair-grass | Savudrija |
| <i>Lolium perenne</i> | Perennial Rye-grass | Savudrija |
| <i>Melica nutans</i> | Mountain Melick | |
| <i>Phalaris arundinacea</i> | Wood Small Reed | Reserva Isola della Cona |
| <i>Phragmites australis</i> | Common Reed | Mirna River bank |

| Scientific Name | Common Name | Location |
|--|---------------------------------|-------------------------|
| <i>Poa annua</i> | Annual Meadow-grass | Istarske Toplice |
| <i>Poa bulbosa</i> | Bulbous Meadow-grass | Cepic |
| <i>Poa bulbosa</i> var. <i>vivipara</i> | Viviparous Bulbous Meadow-grass | Cepic |
| <i>Poa pratensis</i> | Smooth Meadow-grass | Istarske Toplice |
| <i>Poa trivialis</i> | Rough Meadow-grass | Istarske Toplice |
| <i>Stipa eriocalis</i> subsp. <i>austriaca</i> | Feather Grass | Rob, near Rakitovec |
| <i>Trisetum flavescens</i> | Golden Oat | Savudrija |
| <i>Vulpia myurus</i> | Rat's-tail Fescue | Outside Trieste Airport |

| Smilacaceae | Greenbrier Family | |
|----------------------|--------------------------|--------------------|
| <i>Smilax aspera</i> | Smilax | Kamenjak Peninsula |

Fungus:

| | | |
|---|------------------|-------------|
| <i>Phragmidium rosae-pimpinellifoliae</i> | Burnet Rose Rust | Poklon Pass |
|---|------------------|-------------|

Birds (✓=recorded but not counted; H = heard only; I = Introduced species)

| | Common name | Scientific name | May | | | | | | | |
|----|-----------------------------|--|-----|---|---|---|---|---|---|----|
| | | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | Greylag Goose | <i>Anser anser</i> | | | | ✓ | | | | |
| 2 | Mute Swan | <i>Cygnus olor</i> | | | ✓ | ✓ | | | ✓ | |
| 3 | Common Shelduck | <i>Tadorna tadorna</i> | | | | | | | ✓ | |
| 4 | Northern Shoveler | <i>Spatula clypeata</i> | | | | ✓ | | | | ✓ |
| 5 | Garganey | <i>Spatula querquedula</i> | | ✓ | | | | | | |
| 6 | Mallard | <i>Anas platyrhynchos</i> | | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| 7 | Eurasian Teal | <i>Anas crecca</i> | | | | | | | | ✓ |
| 8 | Common Pochard | <i>Aythya ferina</i> | | | | ✓ | | | | |
| 9 | Northern Bobwhite Quail (I) | <i>Colinus virginianus</i> | | | | | | | ✓ | |
| 10 | Common Pheasant | <i>Phasianus colchicus</i> | | | ✓ | | | | ✓ | |
| 11 | Little Grebe | <i>Tachybaptus ruficollis</i> | | ✓ | | ✓ | | | | |
| 12 | Great Crested Grebe | <i>Podiceps cristatus</i> | | | ✓ | ✓ | | | | |
| 13 | Squacco Heron | <i>Ardeola ralloides</i> | | | ✓ | | | | | |
| 14 | Grey Heron | <i>Ardea cinerea</i> | | | ✓ | ✓ | | | | |
| 15 | Purple Heron | <i>Ardea purpurea</i> | | | | ✓ | | | | |
| 16 | Great Egret | <i>Ardea alba</i> | ✓ | | ✓ | ✓ | | | | |
| 17 | Little Egret | <i>Egretta garzetta</i> | | | ✓ | ✓ | | | ✓ | ✓ |
| 18 | European Shag | <i>Phalacrocorax aristotelis desmarestii</i> | | ✓ | ✓ | | | | ✓ | |
| 19 | Great Cormorant | <i>Phalacrocorax carbo</i> | | | | ✓ | | | | ✓ |
| 20 | Western Osprey | <i>Pandion haliaetus</i> | | | | ✓ | | | | |
| 21 | European Honey Buzzard | <i>Pernis apivorus</i> | | ✓ | | | | | | ✓ |
| 22 | Short-toed Snake Eagle | <i>Circaetus gallicus</i> | | ✓ | | ✓ | ✓ | | ✓ | |
| 23 | Eurasian Sparrowhawk | <i>Accipiter nisus</i> | | | ✓ | | | | | |
| 24 | Northern Goshawk | <i>Accipiter gentilis</i> | ✓ | | | | | | | |
| 25 | Common Buzzard | <i>Buteo buteo</i> | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ |
| 26 | Common Moorhen | <i>Gallinula chloropus</i> | | | | ✓ | | | | |
| 27 | Eurasian Coot | <i>Fulica atra</i> | | | | ✓ | | | | |
| 28 | Black-winged Stilt | <i>Himantopus himantopus</i> | | | | ✓ | | | | ✓ |
| 29 | Northern Lapwing | <i>Vanellus vanellus</i> | | | | | | | | ✓ |
| 30 | Common Ringed Plover | <i>Charadrius hiaticula</i> | | | | ✓ | | | | |
| 31 | Eurasian Curlew | <i>Numenius arquata</i> | | | | ✓ | | | | |
| 32 | Spotted Redshank | <i>Tringa erythropus</i> | | | | | | | | ✓ |
| 33 | Common Redshank | <i>Tringa totanus</i> | | | | ✓ | | | | |

| | Common name | Scientific name | May | | | | | | | |
|----|----------------------------|-----------------------------------|-----|---|---|---|---|---|---|----|
| | | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 34 | Wood Sandpiper | <i>Tringa glareola</i> | | | | ✓ | | | | ✓ |
| 35 | Common Sandpiper | <i>Actitis hypoleucos</i> | | | ✓ | | | | | |
| 36 | Ruff | <i>Calidris pugnax</i> | | | | ✓ | | | | |
| 37 | Black-headed Gull | <i>Chroicocephalus ridibundus</i> | | | | ✓ | | | | |
| 38 | Yellow-legged Gull | <i>Larus michahellis</i> | ✓ | ✓ | ✓ | ✓ | | | ✓ | |
| 39 | Little Tern | <i>Sternula albifrons</i> | | | | ✓ | | | | |
| 40 | Common Tern | <i>Sterna hirundo</i> | | | | ✓ | | | ✓ | |
| 41 | Rock Dove [Feral] | <i>Columba livia Feral</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 42 | Common Wood Pigeon | <i>Columba palumbus</i> | | ✓ | | | | | ✓ | ✓ |
| 43 | European Turtle Dove | <i>Streptopelia turtur</i> | | ✓ | ✓ | | ✓ | ✓ | ✓ | H |
| 44 | Eurasian Collared Dove | <i>Streptopelia decaocto</i> | ✓ | ✓ | | ✓ | ✓ | | ✓ | ✓ |
| 45 | Common Cuckoo | <i>Cuculus canorus</i> | | H | ✓ | H | H | H | H | |
| 46 | Eurasian Scops Owl | <i>Otus scops</i> | H | | H | H | H | ✓ | H | |
| 47 | Tawny Owl | <i>Strix aluco</i> | | | | H | H | H | | |
| 48 | Alpine Swift | <i>Tachymarpis melba</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 49 | Common Swift | <i>Apus apus</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 50 | Pallid Swift | <i>Apus palidus</i> | | ✓ | | | | | | |
| 51 | European Bee-Eater | <i>Merops apiaster</i> | | ✓ | ✓ | ✓ | | | ✓ | ✓ |
| 52 | Eurasian Hoopoe | <i>Upupa epops</i> | | ✓ | ✓ | | | | | |
| 53 | Eurasian Wryneck | <i>Jynx torquilla</i> | | ✓ | ✓ | | ✓ | ✓ | | |
| 54 | Lesser Spotted Woodpecker | <i>Dryobates minor</i> | | ✓ | | H | | | H | |
| 55 | Great Spotted Woodpecker | <i>Dendrocopos major</i> | | | ✓ | ✓ | | | | |
| 56 | European Green Woodpecker | <i>Picus viridis</i> | | H | H | | | | | ✓ |
| 57 | Grey-headed Woodpecker | <i>Picus canus</i> | | H | H | | H | | H | |
| 58 | Common Kestrel | <i>Falco tinnunculus</i> | ✓ | | ✓ | ✓ | | | ✓ | |
| 59 | Eleonora's Falcon | <i>Falco eleonora</i> | | ✓ | | | | | | |
| 60 | Peregrine Falcon | <i>Falco peregrinus</i> | | | | | ✓ | | | |
| 61 | Red-backed Shrike | <i>Lanius collurio</i> | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 62 | Woodchat Shrike | <i>Lanius senator</i> | | | ✓ | | | | | |
| 63 | Eurasian Golden Oriole | <i>Oriolus oriolus</i> | | ✓ | ✓ | H | H | ✓ | H | H |
| 64 | Eurasian Jay | <i>Garrulus glandarius</i> | | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| 65 | Eurasian Magpie | <i>Pica pica</i> | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | |
| 66 | Western Jackdaw | <i>Coloeus monedula</i> | | ✓ | | | | | | |
| 67 | Hooded Crow | <i>Corvus cornix</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 68 | Northern Raven | <i>Corvus corax</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 69 | Coal Tit | <i>Parus ater</i> | | | | | | ✓ | ✓ | |
| 70 | Marsh Tit | <i>Poecile palustris</i> | | | H | | | | | |
| 71 | Eurasian Blue Tit | <i>Cyanistes caeruleus</i> | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 72 | Great Tit | <i>Parus major</i> | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 73 | Woodlark | <i>Lullula arborea</i> | | | H | ✓ | H | | ✓ | |
| 74 | Eurasian Skylark | <i>Alauda arvensis</i> | | | | ✓ | ✓ | | | |
| 75 | Crested Lark | <i>Galerida cristata</i> | | ✓ | | | | | | |
| 76 | Barn Swallow | <i>Hirundo rustica</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 77 | Common House Martin | <i>Delichon urbicum</i> | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 78 | Red-rumped Swallow | <i>Cecropis daurica</i> | | | ✓ | | ✓ | | | |
| 79 | Cetti's Warbler | <i>Cettia cetti</i> | | | | ✓ | | | H | H |
| 80 | Long-tailed Tit | <i>Aegithalos caudatus</i> | | | ✓ | | | ✓ | | |
| 81 | Common Chiffchaff | <i>Phylloscopus collybita</i> | | | ✓ | H | H | ✓ | H | |
| 82 | Great Reed Warbler | <i>Acrocephalus arundinaceus</i> | | | | H | ✓ | | | |
| 83 | Eurasian Reed Warbler | <i>Acrocephalus scirpaceus</i> | | | | ✓ | | | | |
| 84 | Eastern Olivaceous Warbler | <i>Iduna pallida</i> | | | | | | | ✓ | |

| | Common name | Scientific name | May | | | | | | | |
|-----|---------------------------|--------------------------------------|-----|---|---|---|---|---|---|----|
| | | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 85 | Melodious Warbler | <i>Hippolais polyglotta</i> | | | ✓ | | ✓ | ✓ | ✓ | |
| 86 | Zitting Cisticola | <i>Cisticola juncidis</i> | | | ✓ | | | ✓ | ✓ | |
| 87 | Eurasian Blackcap | <i>Sylvia atricapilla</i> | H | H | H | H | H | H | ✓ | H |
| 88 | Common Whitethroat | <i>Sylvia communis</i> | | | | | ✓ | ✓ | ✓ | |
| 89 | Eastern Subalpine Warbler | <i>Sylvia cantillans</i> | | ✓ | H | | | | H | |
| 90 | Sardinian Warbler | <i>Sylvia melanocephala</i> | | ✓ | | | | | | |
| 91 | Common Firecrest | <i>Regulus ignicapilla</i> | | | | | H | | | |
| 92 | Goldcrest | <i>Regulus regulus</i> | | | | | | ✓ | | |
| 93 | Eurasian Nuthatch | <i>Sitta europaea</i> | | | | | ✓ | | | |
| 94 | Short-toed Treecreeper | <i>Certhia brachydactyla</i> | | | ✓ | | H | | ✓ | |
| 95 | Common Starling | <i>Sturnus vulgaris</i> | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 96 | Common Blackbird | <i>Turdus merula</i> | H | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 97 | Song Thrush | <i>Turdus philomelos</i> | | | H | H | H | | ✓ | |
| 98 | Mistle Thrush | <i>Turdus viscivorus</i> | | | ✓ | | ✓ | | ✓ | |
| 99 | Spotted Flycatcher | <i>Muscicapa striata</i> | | | | | ✓ | | | |
| 100 | European Robin | <i>Erithacus rubecula</i> | | | | | ✓ | ✓ | H | |
| 101 | Common Nightingale | <i>Luscinia megarhynchos</i> | H | H | ✓ | H | ✓ | H | ✓ | H |
| 102 | European Pied Flycatcher | <i>Ficedula hypoleuca</i> | | | | | | | ✓ | |
| 103 | Black Redstart | <i>Phoenicurus ochruros</i> | | | | | ✓ | | ✓ | |
| 104 | Blue Rock Thrush | <i>Monticola solitarius</i> | ✓ | | ✓ | | | ✓ | ✓ | |
| 105 | Whinchat | <i>Saxicola rubetra</i> | | ✓ | | ✓ | | | | |
| 106 | European Stonechat | <i>Saxicola rubicola</i> | | | | ✓ | ✓ | | ✓ | |
| 107 | Northern Wheatear | <i>Oenanthe oenanthe</i> | | ✓ | | | | | | |
| 108 | House Sparrow | <i>Passer domesticus</i> | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 109 | Italian Sparrow | <i>Passer italiae</i> | | | ✓ | | | | | |
| 110 | Spanish Sparrow | <i>Passer hispaniolensis</i> | | | ✓ | | | | ✓ | |
| 111 | Western Yellow Wagtail | <i>Motacilla flava flava</i> | | | | ✓ | | | | |
| | Western Yellow Wagtail | <i>Motacilla flava feldegg</i> | | | | ✓ | | | | |
| | Western Yellow Wagtail | <i>Motacilla flava thunbergi</i> | | | ✓ | ✓ | | | | |
| 112 | Grey Wagtail | <i>Motacilla cinerea</i> | | | | | ✓ | | | |
| 113 | White Wagtail | <i>Motacilla alba</i> | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 114 | Tawny Pipit | <i>Anthus campestris</i> | | ✓ | | | | | H | |
| 115 | Common Chaffinch | <i>Fringilla coelebs</i> | H | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 116 | Hawfinch | <i>Coccothraustes coccothraustes</i> | | ✓ | ✓ | | ✓ | | H | |
| 117 | European Greenfinch | <i>Chloris chloris</i> | H | ✓ | ✓ | H | | ✓ | ✓ | |
| 118 | Common Linnet | <i>Linaria cannabina</i> | | ✓ | | | | | | |
| 119 | European Goldfinch | <i>Carduelis carduelis</i> | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 120 | European Serin | <i>Serinus serinus</i> | H | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 121 | Corn Bunting | <i>Emberiza calandra</i> | | ✓ | ✓ | ✓ | H | ✓ | ✓ | |
| 122 | Ortolan Bunting | <i>Emberiza hortulana</i> | | | | | ✓ | | | |
| 123 | Cirl Bunting | <i>Emberiza cirlus</i> | | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ |

Mammals

| | | | | | | | | | | |
|---|----------------------|----------------------------------|--|---|---|---|---|---|---|--|
| 1 | Noctule | <i>Nyctalus noctula</i> | | | | | | ✓ | | |
| 2 | Common Pipistrelle | <i>Pipistrellus pipistrellus</i> | | | | | | ✓ | | |
| 3 | Golden Jackal | <i>Canis aureus</i> | | | | | H | | | |
| 4 | Stone (Beech) Marten | <i>Martes foina</i> | | | | | | ✓ | | |
| 5 | Wild Boar | <i>Sus scrofa</i> | | ✓ | | | | | | |
| 6 | European Roe Deer | <i>Capreolus capreolus</i> | | | | ✓ | | ✓ | ✓ | |
| 7 | European Hare | <i>Lepus europaeus</i> | | | | ✓ | | ✓ | | |
| 8 | Coypu | <i>Myocastor coypus</i> | | | ✓ | | | | | |

| | Common name | Scientific name | May | | | | | | |
|--|-------------|-----------------|-----|---|---|---|---|---|---|
| | | | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

Reptiles & Amphibians (D = dead)

| | | | | | | | | | | |
|----|-----------------------------|----------------------------------|--|---|---|---|---|---|---|---|
| 1 | Yellow-bellied Toad | <i>Bombina variegata</i> | | | | | ✓ | | | |
| 2 | Common Toad | <i>Bufo bufo</i> | | | ✓ | | | ✓ | | |
| 3 | Marsh Frog | <i>Rana ridibunda</i> | | | H | ✓ | ✓ | ✓ | | |
| 4 | European Green Lizard | <i>Lacerta viridis</i> | | ✓ | | ✓ | ✓ | ✓ | ✓ | |
| 5 | Dalmatian Wall Lizard | <i>Podarcis melisellensis</i> | | ✓ | | | | ✓ | | |
| 6 | Viviparous or Common Lizard | <i>Zootoca vivipara</i> | | | | | | | ✓ | |
| 7 | Dalmatian Algyroides | <i>Algyroides nigropunctatus</i> | | | ✓ | ✓ | | ✓ | | ✓ |
| 8 | Slow Worm | <i>Anguis fragilis</i> | | | | ✓ | D | D | | |
| 9 | Western Whip Snake | <i>Hierophis viridiflavus</i> | | | | ✓ | ✓ | ✓ | | |
| 10 | Aesculapian Snake | <i>Zamenis longissimus</i> | | | ✓ | | | | | |
| 11 | Grass Snake | <i>Natrix natrix</i> | | | | | | ✓ | | |
| 12 | Nose-horn Viper | <i>Vipera ammodytes</i> | | | | | D | | | |

Butterflies:

| | | | | | | | | | | |
|----|-----------------------------|--------------------------------|--|---|---|---|---|---|---|---|
| 1 | Southern Festoon | <i>Zerynthia polyxena</i> | | | | ✓ | ✓ | | | |
| 2 | Scarce Swallowtail | <i>Iphiclides podalirius</i> | | | | ✓ | ✓ | ✓ | ✓ | |
| 3 | Swallowtail | <i>Papilio machaon</i> | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 4 | Wood White | <i>Leptidea sinapis</i> | | | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 5 | Large White | <i>Pieris brassicae</i> | | | | | ✓ | | ✓ | |
| 6 | Small White | <i>Pieris rapae</i> | | ✓ | ✓ | ✓ | | ✓ | ✓ | |
| 7 | Green-veined White | <i>Pieris napi</i> | | | | ✓ | | | | |
| 8 | Clouded Yellow | <i>Colias crocea</i> | | ✓ | ✓ | | ✓ | | ✓ | |
| 9 | Clouded Yellow | <i>Colias crocea f. helice</i> | | | | | ✓ | ✓ | ✓ | |
| 10 | Berger's Clouded Yellow | <i>Colias alfacariensis</i> | | | | ✓ | ✓ | ✓ | ✓ | |
| 11 | Duke of Burgandy Fritillary | <i>Hamearis lucina</i> | | | | | ✓ | | | ✓ |
| 12 | Green Hairstreak | <i>Callophrys rubi</i> | | ✓ | | ✓ | ✓ | ✓ | ✓ | |
| 13 | Small Copper | <i>Lycaena phlaeas</i> | | | ✓ | ✓ | | ✓ | ✓ | |
| 14 | Sooty Copper | <i>Lycaena tityrus</i> | | | ✓ | | | | ✓ | |
| 15 | Little Blue | <i>Cupido minimus</i> | | | | | ✓ | ✓ | ✓ | |
| 16 | Green Underside Blue | | | ✓ | ✓ | | ✓ | | | |
| 17 | Brown Argus | <i>Aricia agrestis</i> | | | ✓ | ✓ | | ✓ | ✓ | |
| 18 | Holly Blue | <i>Celastrina argiolus</i> | | ✓ | | | | ✓ | | |
| 19 | Chequered Blue | <i>Scolitantides orion</i> | | | ✓ | | | | | |
| 20 | Eastern Baton Blue | <i>Pseudophilotes baton</i> | | ✓ | | | | | | |
| 21 | Silver-studded Blue | <i>Plebejus argus</i> | | | | | | ✓ | ✓ | |
| 22 | Reverdin's Blue | <i>Plebejus argyrognomon</i> | | | | | | | ✓ | |
| 23 | Common Blue | <i>Polyommatus icarus</i> | | | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 24 | Adonis Blue | <i>Iysandra bellargus</i> | | | | | | ✓ | ✓ | |
| 25 | Southern White Admiral | <i>Limnitis reducta</i> | | ✓ | | ✓ | ✓ | ✓ | ✓ | |
| 26 | Large Tortoiseshell | <i>Nymphalis polychloros</i> | | | | | ✓ | | | |
| 27 | Red Admiral | <i>Vanessa atalanta</i> | | | | | ✓ | | | |
| 28 | Painted Lady | <i>Vanessa cardui</i> | | ✓ | ✓ | | | | ✓ | |
| 29 | Comma Butterfly | <i>Polygonum c-album</i> | | | | | ✓ | | | |
| 30 | Glanville Fritillary | <i>Melitaea cinxia</i> | | ✓ | ✓ | | | ✓ | ✓ | |
| 31 | Heath Fritillary | <i>Melicta athalia</i> | | ✓ | ✓ | | | ✓ | | |
| 32 | Marsh Fritillary | <i>Euphydryas aurinia</i> | | | ✓ | | ✓ | ✓ | ✓ | |
| 33 | Speckled Wood | <i>Pararge aegeria aegeria</i> | | | | ✓ | ✓ | | | |
| 34 | Speckled Wood | <i>Pararge aegeria tircis</i> | | | ✓ | ✓ | | ✓ | ✓ | |

| | Common name | Scientific name | May | | | | | | | |
|----|-------------------|------------------------------|-----|---|---|---|---|---|---|----|
| | | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 35 | Small Heath | <i>Coenonympha pamphilus</i> | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 36 | Woodland Ringlet | <i>Erebia medusa</i> | | | | | | ✓ | | |
| 37 | Meadow Brown | <i>Maniola jurtina</i> | | | | | | | ✓ | |
| 38 | Wall Brown | <i>Lasiommata megera</i> | | ✓ | ✓ | ✓ | | | ✓ | |
| 39 | Large Wall Brown | <i>Lasiommata maera</i> | | | | | | ✓ | ✓ | |
| 40 | Mallow Skipper | <i>Carcharodus alceae</i> | | | | | | | ✓ | |
| 41 | Dingy Skipper | <i>Erynnis tages</i> | | | | | ✓ | ✓ | | |
| 42 | Chequered Skipper | <i>Carcharodus palaemon</i> | | | | | ✓ | | | |
| 43 | Grizzled Skipper | <i>Pyrgus malvae</i> | | | | | ✓ | ✓ | ✓ | |

Micro Moths (W = web)

| | | | | | | | | | | |
|---|----------------|--------------------------------------|--|---|---|---|---|---|---|--|
| 1 | Spindle Ermine | <i>Yponomeuta cagnagella</i> | | | W | W | | W | | |
| 2 | Tortrix | <i>Lathronympha strigosa</i> | | | | ✓ | | | | |
| 3 | Crambid | <i>Eudonia delunella</i> | | | | | | | ✓ | |
| 4 | Crambid | <i>Chrysocrambus cassentiniellus</i> | | | | ✓ | ✓ | ✓ | ✓ | |
| 5 | Crambid | <i>Pyrausta sanginalis</i> | | ✓ | | | | | | |
| 6 | Rush Veneer | <i>Nomophila noctuella</i> | | ✓ | | | | | | |

Macro Moths

| | | | | | | | | | | |
|----|-----------------------|-------------------------------------|---|---|---|---|---|---|---|--|
| 1 | Hornet Moth | <i>Sesia apiformis</i> | | | ✓ | | | | | |
| 2 | Tau Emperor | <i>Agla tau</i> | | | | | ✓ | | | |
| 3 | Lace Border | <i>Scopula ornata</i> | | | | ✓ | ✓ | ✓ | ✓ | |
| 4 | Lustrous Least Carpet | <i>Idaea filicata</i> | | | | ✓ | | | | |
| 5 | Latticed Heath | <i>Chiasmia clathrata clathrata</i> | | | | | ✓ | | | |
| 6 | Speckled Yellow | <i>Pseudopanthera macularia</i> | | | | | ✓ | ✓ | | |
| 7 | Great Oak Beauty | <i>Hypomecis roboraria</i> | | | | ✓ | ✓ | ✓ | ✓ | |
| 8 | Common Heath | <i>Ematurga atomaria atomaria</i> | | ✓ | | | ✓ | ✓ | ✓ | |
| 9 | Yellow Belle | <i>Smiaspilates ochrearia</i> | | ✓ | ✓ | | | | | |
| 10 | Lime Hawk-moth | <i>Mimas tiliae</i> | ✓ | | | | | | | |
| 11 | Pale Tussock | <i>Calliteara pudibunda</i> | | | ✓ | | | | | |
| 12 | Cream-spot Tiger | <i>Arctia villica</i> | | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| 13 | Scarce Black Arches | <i>Nola aerugula</i> | | | | | ✓ | | | |
| 14 | Silver-Y | <i>Autographa gamma</i> | | ✓ | | | | ✓ | ✓ | |
| 15 | Mother Shopton | <i>Callistege mi</i> | | | | ✓ | ✓ | | | |
| 16 | Four Spotted | <i>Tyta luctuosa</i> | | | | | ✓ | | ✓ | |
| 17 | Fan-foot | <i>Herminia tarsipennalis</i> | | | | | ✓ | | | |

Other Invertebrates (o = ootheca)

| | | | | | | | | | | |
|----|--------------------------|------------------------------|--|---|---|---|---|---|---|---|
| 1 | Common Bluetail | <i>Ishnura elegans</i> | | | | ✓ | | ✓ | | |
| 2 | Common Blue Damselfly | <i>Enallagma cyathigerum</i> | | | | | | ✓ | | ✓ |
| 3 | Azure Bluet | <i>Coenagrion puella</i> | | | | | | ✓ | | ✓ |
| 4 | Large Red Damselfly | <i>Pyrrhosoma nymphula</i> | | | | ✓ | | | | |
| 5 | Green-eyed Hawker | <i>Aeshna isocetes</i> | | | | ✓ | | | | |
| 6 | Broad-bodied Chaser | <i>Libellula depressa</i> | | | | ✓ | | ✓ | | |
| 7 | Black-tailed Skimmer | <i>Orthetrum cancellatum</i> | | | | | | | ✓ | |
| 8 | Egyptian Grasshopper | <i>Anacrida aegyptium</i> | | ✓ | | ✓ | ✓ | | | |
| 9 | Eastern Rock Grasshopper | <i>Prionotopis hystrix</i> | | | | ✓ | | | | |
| 10 | Field Cricket | <i>Gryllus campestris</i> | | | | | ✓ | | | |
| 11 | a Cricket | <i>Melangryllus desertus</i> | | | ✓ | | ✓ | | | |
| 12 | Roesel's Bush-cricket | <i>Metroptera roeselii</i> | | | | | | | ✓ | |

| | Common name | Scientific name | May | | | | | | | |
|----|------------------------------|----------------------------------|-----|---|---|---|---|---|---|----|
| | | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 13 | Praying Mantis | <i>Mantis religiosa</i> | | | | O | O | | O | |
| 14 | Squash Bug | <i>Coreus marginatus</i> | | | ✓ | | | | | |
| 15 | Red-and-black Shieldbug | <i>Graphosoma lineatum</i> | | ✓ | | | | | | |
| 16 | Fire Bug | <i>Pyrrhicatoris apterus</i> | | | ✓ | ✓ | | ✓ | ✓ | |
| 17 | Assassin Bug | <i>Rhynocoris iracundus</i> | | | ✓ | | | ✓ | | |
| 18 | Red-and-black Froghopper | <i>Cercopis vulnerata</i> | | ✓ | ✓ | ✓ | | ✓ | ✓ | |
| 19 | Pond-skater | <i>Aquarius najas</i> | | | | | | ✓ | | |
| 20 | True Bee-fly | <i>Bombylella atra</i> | | | ✓ | | | | | |
| 21 | Bee-fly | <i>Bombylis major</i> | | | | | ✓ | ✓ | ✓ | |
| 22 | Hover-fly | <i>Chrysotoxum festivum</i> | | | | ✓ | | | | |
| 23 | Drone-fly | <i>Eristalis tenax</i> | | | | | | ✓ | | |
| 24 | Wood Ant | <i>Formica rufa</i> | | | ✓ | | | | | |
| 25 | Seed-eating or Harvester Ant | <i>Messor barbarus</i> | | ✓ | | | | | | |
| 26 | Hornet | <i>Vespa crabro</i> | | ✓ | ✓ | | ✓ | | | |
| 27 | Black Mining Bee | <i>Adrena pilipes</i> | | | | | | ✓ | | |
| 28 | Violet Carpenter Bee | <i>Xylocopa violacea</i> | | ✓ | | | ✓ | | | ✓ |
| 29 | 7-Spot Ladybird | <i>Coccinella septempunctata</i> | | ✓ | | | | | | |
| 30 | Orange Ladybird | <i>Halyzia sedecimgutatta</i> | | | | | ✓ | | | |
| 31 | Dor Beetle | <i>Geotrupes stercorarius</i> | | ✓ | | | | | | |
| 32 | Rose Chafer | <i>Cetonia aurata</i> | | | ✓ | ✓ | | ✓ | | |
| 33 | a Chafer | <i>Hoplia argentea</i> | | | ✓ | | | | | |
| 34 | Brown Fat Thigh Beetle | <i>Oedemera sp.</i> | | | | | | | | ✓ |
| 35 | Flower Chafer | <i>Oxythyrea funesta</i> | | ✓ | | | | | | |
| 36 | Soldier Beetle | <i>Cantharis rustica</i> | | | | | | ✓ | | |
| 37 | Soldier Beetle | <i>Trichodes apiarius</i> | | | | | | ✓ | | |
| 38 | Longhorn Beetle | <i>Morimus funereus</i> | | | | | ✓ | | | |
| 39 | Longhorn Beetle | <i>Cerambyx scopolii</i> | | | | | ✓ | | | |
| 40 | Great Diving Beetle | <i>Ditiscus marginalis</i> | | | | ✓ | | | | |
| 41 | Pill Woodlouse | <i>Armadillidium vulgare</i> | | | ✓ | ✓ | | | | |
| 42 | Giant Centipede | <i>Scolopendra cingulata</i> | | | ✓ | ✓ | | | | |
| 43 | Ladybird Spider | <i>Eresus niger</i> | | | | | | | ✓ | |
| 44 | Nursery Web Spider | <i>Pisaura mirabilis</i> | | | | ✓ | | | | |
| 45 | Scorpion (black) | | | | | | | ✓ | | |
| 46 | Scorpion (Brown) | | | ✓ | | | | | | |

Molluscs (S = signs of)

| | | | | | | | | | | |
|---|--------------|---------------------------|--|---|---|--|---|---|---|--|
| 1 | Garden Snail | <i>Helix aspera</i> | | ✓ | | | | | ✓ | |
| 2 | Roman Snail | <i>Helix pomatia</i> | | | | | ✓ | ✓ | | |
| 3 | Copse Snail | <i>Arianta arbustorum</i> | | | S | | | | | |