

Go Slow in Istria in Autumn

Naturetrek Tour Report

26th September – 3rd October 2023



Crested Tit



The world's smallest town - Hum



Geranium Bronze



Hibiscus trionum

Tour report by Paul Harmes & Luc Boscain. Images by Geraldine Stephenson



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Tour participants: Paul Harmes & Luca Boscain (leaders) with 15 Naturetrek clients

Day 1

Tuesday 26th September

London Stanstead – Trieste – Riserva Regionale Isola della Cona - Buzet

Paul met up with thirteen group members at Stansted Airport for the 8.50am Ryanair flight FR168 to Trieste Friuli Venezia Giulia Airport, arriving around 12.20pm. We soon passed through passport control and collected our luggage, before making our way out to the arrivals' hall, where we were met by Luca and the final two group members. With luggage loaded into our minibuses, we were soon heading the short distance to the Isola della Cona coastal bird reserve, where we took our lunch in the café. During the meal we noted Cooypu in the scrapes, and European Pond Turtles and Red-neck Sliders, basking on semi-submerged logs, and Mediterranean Gulls were flying overhead.

With our meal complete, we set off to walk around half the reserve, from one observation building to the other. As we progressed, Red Admiral, Speckled Wood, Small White, Clouded Yellow, Painted Lady and Holly Blue butterflies were seen, while Common Darter and Eastern Willow Spread-wing were also added. Birds included, Greylag Goose, feral Bar-headed Goose, Mute Swan, Little Egret, Lapwing, Common Snipe, Dunlin, Curlew Sandpiper, Grey Plover, Great Egret, Shoveler, Redshank, Gadwall, Mallard, Black-headed Gull, Ruff, Cattle Egret, Great Cormorant, Avocet, Little Grebe and Water Rail was heard. There were still a few plants to record, and we saw the invasive, American *Amorpha fruticosa* (False Indigo), *Persicaria maculosa* (Redshank), *Glyceria maxima* (Reed Sweet-grass), and *Scirpus sylvaticus* (Wood Club-rush).

It was now time to begin our journey eastwards. On the outskirts of Trieste, we joined the E70 Autostrada, bypassing historic town of Trieste and on 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.

After about 90 minutes we arrived at our destination, Istarske Toplice, south-west of the town of Buzet, Croatia, with time to allocate rooms and freshen up before going to the hotel restaurant for our evening meal. On all other evenings, we will be eating at the delightful and rustic restaurant, Dolina, in the village of Gradinje, which is closed on Tuesday nights.

Day 2

Wednesday 27th September

Istarske Toplice area – Srbani – The Mirna River Valley

Our first morning dawned bright and sunny, and our leaders decided to explore the area around the hotel which is excellent in wildlife terms. Our walk took us round the hotel grounds with its rockfaces, grassland and forest. In the warm morning sunshine, insects were very active, with Grayling, Great Banded Grayling and Woodland Grayling butterflies all seen early on, as well as Praying Mantis, Lily Bush-cricket, Mediterranean Bush-cricket, Schmidt's Buch-cricket and Large Conehead all recorded. Early plant finds included *Campanula bononiensis*, *Clinopodium menthifolium* (Wood Calamint), *Centaurea jacea* (Brown Knapweed), *Campanula trachelium* (Nettle-leaved Bellflower), *Colchicum autumnale* (Autumn Crocus), *Cyclamen purpurascens* (Sowbread), *Cotinus coggygria* (Smoke-bush), *Convolvulus cantabricus* (Pink Bindweed) and *Echinochloa crus-galli* (Barnyard Grass). Bird species included Green

Woodpecker and Chiffchaff (heard), and House Martin, Alpine Swift, Blue Rock Thrush, Black Redstart and a splendid pair of Golden Eagles were all seen. Additional butterflies were, Silver-washed and Weaver's Fritillaries, Berger's Clouded Yellow, Southern Small White, Reverdin's Blue, Small Copper, Short-tailed Blue and Southern White Admiral.

It was now time for our picnic lunch, which we took under the trees in the grounds of the hotel.

After eating, we joined our vehicles for the thirty-minute journey south to Novigrad, and the mouth of the Mirna River. Parking up we began to scan the sea, the river and two saline lagoons. Great Cormorant, Great Crested Grebe, Mute Swan, Common Sandpiper, Gadwall, Little Grebe, Common Pochard, Wigeon, Little Egret, Yellow-legged and Black-headed Gull were all recorded. Some of the marginal vegetation included *Limonium narbonense* (a Sea Lavender), *Tripolium pannonicum* (Sea Aster), *Crithmum maritimum* (Rock Samphire), *Althaea cannabina* (Palm-leaved Marsh Mallow) and *Clematis viticella* (Italian Leather Flower). Moving further up the river, we made a second stop under the motorway flyover. Here, we added Lang's Short-tailed Blue and Clouded Yellow butterflies, together with *Lycopus europaeus* (Gypsywort), before it was time to make our way back to our hotel. Tonight, and for the remaining nights of the tour, we took dinner at the Konoba Dolina restaurant at Gradinje.

Day 3

Thursday 28th September

Srbani – Ipsa

Overnight, our leaders had set a moth trap. Although there were not large numbers of moths, there was a number of diverse species.

For the Macros there was Scalloped Oak, Lilac Beauty, Chevron Snout, Hoary Footman, Willow Beauty and Passenger. Micros included, Rusty-dot Pearl, Mother of Pearl and the common Crambid, *Agriphila staminella*, among others.

After breakfast we joined our vehicles for the short drive down to Srbani. Upon our arrival, we parked up, and set off to explore a track to the remains of the old Chapel of St. George, which passed through scrubby woodland, with open grassy areas. As we progressed, we saw Common Buzzard, Hooded Crow, Sparrowhawk, Barn Swallow, House Martin, Hobby and Chaffinch. Butterflies recorded included Wall Brown, Southern White Admiral, Oberthur's Grizzled Skipper, Red Admiral, Silver-washed Fritillary, Clouded Yellow, Nettle-tree Butterfly, Adonis Blue, Berger's Clouded Yellow and Small Heath. The abundance of these insects was due to the number of plants still in flower and producing nectar. *Paliurus spina-christi* (Christ's Thorn), *Asparagus acutifolius* (Prickly Asparagus), *Carpinus orientalis* (Eastern Hornbeam), *Pistacia terebinthus* (Turpentine Tree), *Ruscus aculeatus* (Butcher's Broom) and *Juniperus oxycedrus* (Prickly Juniper) were well represented in the scrub. The more open areas had *Hypericum perforatum* (Perforated St. John's-wort), *Betonica officinalis* (Betony), *Euphorbia cyparissias* (Cyprus Spurge), *Convolvulus cantabricus* (Pink Bindweed), *Stachys recta* (Yellow Woundwort), *Colchicum autumnale* (Autumn Crocus), *Satureja montana* (Winter Savory), *Potentilla cinerea* (Grey Cinquefoil), *Dianthus ciliatus* *Polygala nicaeensis* (Nice Milkwort), *Prospero autumnale* (Autumn Squill) and *Thesium divaricatum* (Bastard Toadflax) were all noted. Other insects included praying Mantis, a Scoliid Wasp, Honeybee, the Shield Bug, *Graphosoma italicum* and the iridescent green beetles of the genus *Thorectes*.

After enjoying the chapel and the magnificent view down the Mirna valley to the sea, we retraced our steps and made a short visit to the Chapel of St. Michael, Srbani, where Luca explained the influences of history in the family names on the graves, highlighting Croatian and Italian.

This afternoon, we had an appointment at the Ipša Olive Oil and Wine farm at Ipši, for a tasting and lunch. We sampled three varieties of olive oil and three different wines on the sunny patio, next to the purpose-built Tasting Room. This was followed by a tour of the olive oil production process from freshly picked fruit to the bottled oil. There were also opportunities to purchase their products.

We now returned to Istarske Toplice for some free time before dinner.

Day 4

Friday 29th September

Kamenjak Peninsula - Pula

This morning we made our way down to the very southern tip of Istria, the Kamenjak peninsula. Along the way we saw Hooded Crow, Common Starling, Great Cormorant, Common Buzzard and Magpie.

We made our way southwards along the A9 Autostrada towards Pula, arriving near to the access point of the peninsula, where we stopped for morning coffee and a comfort break at the Restaurant Da Giovanni, in Premantura, before making our way out onto the peninsula. Whilst enjoying our drinks, we saw Geranium Bronze butterflies nectaring or egg-laying on the *Pelargoniums* planted around the patio, and the hymenoptera *Sceliphron caementarium* and *Amegilla* sp.. We also recorded Small White and Red Admiral.

Accessing the peninsula, we drove slowly down towards the southern tip, parking up in a large open area, where the birders went with Luca and the botanists with Paul. Our explorations produced Cirl Bunting, Mediterranean Shag, Barn Swallow, Great Tit, Blackcap, Sardinian Warbler, Firecrest, Goldcrest and Tree Pipits. Siskin was also heard. There were also Meadow Brown and Common Blue butterflies and Rush Veneer moths. Plants included *Spiranthes spiralis* (Autumn Ladies Tresses), *Pistacia lentiscus* (Mastic Bush), *Cistus creticus* (Pink Cistus), *Juniperus oxycedrus* (Prickly Juniper), *Dianthus ciliatus*, *Symphytotrichum subulatum* and *Verbascum sinuatum* (Wavyleaf Mullein). Moving our vehicles to the shade of some pine trees, we set up our picnic.

After eating, we moved into the city of Pula and made our way to the Roman Arena. The Pula Arena is the sixth largest Roman arena still standing, and once held 20,000 spectators, indicating the importance and wealth of the area 1,600 years ago, with an economy based on wine and olive oil and a vast number of agricultural workers living in the vicinity at the time. It survived the depredations suffered by arenas elsewhere because of a collapse in Istria's population after the departure of the Romans and the abundance of the raw materials (marble and limestone) in the immediate vicinity which meant that the old site was not looted until much later. Group members made their own way around the site, meeting the leaders back at the arena car park, in time to make the homeward journey back to our hotel.

At around 7pm, we gathered to go to dinner.

Day 5

Saturday 30th September

Koper - Skocjanski Zatoek – Hrastovlje

The day began warm and sunny as we headed into Slovenia to visit Koper - Capodistria. When we were parked, the group walked slowly into the centre of the old Town where Yellow-legged Gull and House Sparrow were seen. Group members spent an hour exploring the narrow streets, the Squares, the gelateria and coffee shops.

We now made our way to the nature reserve at Škocjanski zatok –Val Stagnon near Koper, where we took our picnic lunch outside the reserve Visitor Centre and utilised the facilities.

After eating, we made the circular walk around the reserve, visiting all the different hides. Unfortunately, essential autumn grass mowing was in full swing, so some of the wetland areas were quiet. As we set off, we disturbed an Italian Wall Lizard and an Edible/Pool Frog hybrid. There were also Migrant Hawker and Southern and Common Darter Dragonflies as well as Eastern Willow Spread-wing Damselfly. We concentrated our efforts on the seaward side of the site, scanning the salt-marshes we recorded Great Cormorant, Great Crested Grebe, Little Grebe, Coot, Greenshank, Grey Heron, Magpie, Mallard, Pygmy Cormorant, Cetti's Warbler Little Egret, Curlew, Cattle Egret and Moorhen. Along the paths we added Siskin, Kingfisher, Chaffinch and Long-tailed Tit.

Our leaders had managed to get us a afternoon guided tour of the twelfth century Romanesque church of Holy Trinity at Hrastovlje, which is world famous for its murals dating back to the time of Columbus and featuring both a 'Dance of Death' and inscriptions in the locally-used glagolitic script dating back to the early 15th century. Our guide pointed out the Old Testament and New Testament frescos and those representing the Annunciation and the Passion of Christ. She also carefully explained the Dance of Death, which shows that no matter what your status in life, we will all follow the same path to the grave. The fortified walls of the church had *Satureja montana* (Winter Savoury) and *Campanula pyramidalis*, and the grassy bank outside the walls produced *Lathyrus latifolius* (Broad-leaved Everlasting Pea) and *Bidens subalturians* (Greater Beggar Ticks). The walls along the approach to the church held *Aristolochia clematitis* (A Birthwort).

We now made our way back into Croatia, and back to our hotel to freshen up before going to dinner.

Day 6

Sunday 1st October

Poklon Pass – Mala Ucka - Hum

With the weather continuing to remain settled, today we made our way to the highest part of Istria. Our first stop was on the Poklon pass, a viewpoint overlooking the Kvarner Bay, the city of Rijeka, and the northernmost islands of Dalmatia, Krk and Cres. However, the early morning haze restricted our appreciation of the vista, although we were able to see the tops of the immense Velebit mountain chain. Whilst at this location, we found Coal Tit and Great Tit. Plants included *Salvia glutinosa* (Jupiter's Distaff), *Cyclamen purpurascens* (Sowbread), *Acer opalus* (Italian Maple), *Ostrya carpinifolia* (Hop-hornbeam), *Salvia verticillata* (Whorled Clary), *Abies alba* (European Silver Fir) and *Artemisia absinthium* (Wormwood).

After a brief comfort and coffee stop at the Visitors Centre for the Nature Park, we made our way a little lower and headed towards the village of Mala Ucka and parked about half a mile to the west of the village.

We set off to walk to the village and explored as we went. *Marrubium incanum* (Silver Horehound), *Rosa spinosissima* (Burnet Rose) *Satureja subspicata* (Lilac-flowered Savoury), *Rosa glauca* (Red-leaved Rose), *Helleborus multifidus subsp. istriacus* (a Hellebore), the fruiting heads of *Globularia cordifolia* (Matted Globularia), *Sorbus aria* (Whitebeam) were scattered along the road margins, and a very obliging pair of Crested Tits gave us a prolonged and clear show feeding in several trees close to us. In addition there were Sparrowhawk, Common Buzzard, Magpie, Raven, House Martin, Goldcrest and Robin seen and Blackcap and Chiffchaff heard. There was a good array of invertebrates present, including Carpenter Bee, Smidt's Marbled Bush Cricket, Blue-winged and Red-winged Grasshoppers, as well as Clouded Yellow and Grayling butterflies.

At this point Luca and Paul went back for the vehicles and brought them to our chosen lunch spot. We took a short break on the outskirts of the village to eat our picnic, among the substantial blocks of stone remaining from the systematic destruction carried out at the end of WWII, when the Germans retreated from the area.

With our meal completed, as we moved through the village and added *Malva neglecta* (Dwarf Mallow), *Cirsium eriophorum* (Woolly Thistle), *Galinsoga quadriradiata* (Gallant Soldier), *Colchicum autumnale* (Autumn Crocus) and *Clinopodium nepeta* (Lesser Calamint). Great Spotted Woodpecker and Black Redstart were noted, as well as Common Wall Lizard.

After returning to the vehicles, we headed towards our next stop, the village of Hum. Dating back to 1102, this tiny town with just 30 permanent residents has a bell and watch tower built in 1552 as part of the town's defences alongside the town's *loggia* (or council chamber) which is now a wine bar! Hum's glagolithic wall writings are preserved in the church, from the second half of the 12th century and are one of the oldest examples of Croatian glagolithic.

Hum is also the world centre for an alcoholic drink! Called *biska*, it is a mistletoe brandy but not the familiar *Viscum album* associated with Christmas kisses but *Loranthus europaeus* (Yellow-berried Mistletoe), a deciduous parasitic plant which grows on *Quercus petraea* (Sessile Oak). There was a fine example of the Oak in the car park, resplendent with a number of clumps of the Mistletoe.

After some independent exploration, we met back at the vehicles for the journey back Istarske Toplice.

Day 7

Monday 2nd October

Oprtalj – Zrenj - the Church of St. Mary of the Snow – Motovan

An early walk produced three species of Woodpecker, all on the same tree. There was Black Woodpecker, Middle Spotted Woodpecker and Lesser Spotted Woodpecker. All of the group had superb, scoped views of these very difficult to see birds.

After breakfast we set off up to the northern plateau behind the hotel. At the top of the climb, we stopped just outside the village of Oprtalj, with a view looking down on the Mirna River Vally Here, we parked the minibuses, and set off to explore an adjacent meadow and scrubby woodland. Clouded Yellow and Berger's Clouded Yellow, Small Heath, Large White, Oberthur's Grizzled Skipper, Red Admiral, Wall Brown, Queen of Spain Fritillary and Southern Small White butterflies were all active. Overhead there were Song Thrush, Woodlark, Coal Tit and a small flock of Siskins. Lesser Spotted Woodpecker and Grey-headed Woodpecker was also heard. There was also

Common Wall Lizard and a pregnant female Praying Mantis. Plants included an *Aster sp.* (Michaelmas Daisy), *Odontites luteus* (a Yellow Bartsia), *Lotus dorycnium* (a Clover), *Centaureum erythraea* (Common Centaury), *Centaurea nigrescens* (Tyrol Knapweed) and *Leucanthemum ircutianum* (an Oxeye Daisy).

Heading further up onto the plateau, we made our way to the small settlement of Zrenj and parked by the church. Here, we explored the churchyard and an adjacent, overgrown vineyard. Grayling, Small Copper, Common Blue and Dingy Skipper were new butterflies noted. For the plants, *Hibiscus trionum* (Bladder Ketmia), *Amaranthus retroflexus* (Pigweed), *Reseda lutea* (Mignonette), *Securigera varia* (Crown Vetch), *Plantago media* (Hoary Plantain), *Linaria vulgaris* (Common Toadflax), *Erigeron annuus* (Annual Fleabane), *Stachys recta* (Yellow Woundwort) were all present. Yellow Shell and Hummingbird Hawkmoth were also seen. Chaffinch, Chiffchaff and Nuthatch were all heard.

Returning to our minibuses, we moved on for lunch to the beautiful surroundings at the St. Mary of the Snows church between Cepic and Sterna, where we enjoyed our picnic.

After lunch we made our way down to the hilltop town of Motovun - Montona where the racing driver Mario Andretti was born in 1938 before his family emigrated to Canada after World War Two. On top of a 270m hill and the site of a fortress since pre-Roman times, it overlooks the Mirna river valley, and became an important administrative centre during the area's long period of Venetian domination when the oak forest became vital for shipbuilding. It was heavily fortified to protect it from Ottoman and Austrian forces who attacked Istria at various moments in history. There were strong rivalries with the neighbouring towns of Buzet and Oprtalj. At the turn of the 21st century much of this beautiful town was derelict, but tourism has turned things around and there were many visitors on the day we were there.

Our leaders dropped us at the main gates of the town, beyond which vehicles are not permitted. After an hour and a half, we once again met with Paul and Luca at the gates, for the journey back to our accommodation, in time to pack for the homeward journey, before going to dinner at the Konoba Dolina.

Day 8

Tuesday 3rd October

Buzet - Trieste

Our final day began with breakfast at 7.30am and departure at 8:15am. Getting away, we retraced our route from day one, eventually joining the E70 Autostrada back to Trieste Airport, in time to catch the 12.20pm flight to the UK. Here we said our goodbyes to Luca and caught our flight back to Stansted.

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Species lists

Birds (H = Heard only, LO = Leader only)

Common name	Scientific name	September - October 2023							
		26	27	28	29	30	1	2	3
Common Pheasant	<i>Phasianus colchicus</i>		1						
Greylag Goose	<i>Anser anser</i>	500							
Bar-headed Goose (feral)	<i>Anser indicus</i>	2							
Egyptian Goose (feral)	<i>Alopochen aegyptiaca</i>								
Mute Swan	<i>Cygnus olor</i>	10	3			10			
Northern Shoveler	<i>Spatula clypeata</i>	10				10			
Gadwall	<i>Mareca strepera</i>	100	2						
Eurasian Wigeon	<i>Mareca penelope</i>	5	80			100			
Mallard	<i>Anas platyrhynchos</i>	20	40			10		2	
Eurasian Teal	<i>Anas crecca</i>	100	3			1			
Common Pochard	<i>Aythya ferina</i>		7						
Northern Pintail	<i>Anas acuta</i>	2							
Alpine Swift	<i>Tachymarptis melba</i>	3	50	H				H	
Rock Dove [Feral]	<i>Columba livia Feral</i>	2	100		5	10	10	2	1
Common Wood Pigeon	<i>Columba palumbus</i>	5	10		40	3			
Eurasian Collared Dove	<i>Streptopelia decaocto</i>					3			
Water Rail	<i>Rallus aquaticus</i>	2H				4H			
Common Moorhen	<i>Gallinula chloropus</i>	3				1			
Eurasian Coot	<i>Fulica atra</i>	3				100			
Little Grebe	<i>Tachybaptus ruficollis</i>	1	6			5			
Great Crested Grebe	<i>Podiceps cristatus</i>		2			2			
Pied Avocet	<i>Recurvirosta avosetta</i>	5							
Northern Lapwing	<i>Vanellus vanellus</i>	10				1			
Grey Plover	<i>Pluvialis squatarola</i>	3							
Eurasian Curlew	<i>Numenius arquata</i>					1			
Common Redshank	<i>Tringa totanus</i>								
Common Greenshank	<i>Tringa nebularia</i>					1			
Common Sandpiper	<i>Actitis hypoleucos</i>		4						

Common name	Scientific name	September - October 2023								
		26	27	28	29	30	1	2	3	
Common Snipe	<i>Gallinago gallinago</i>	10								
Dunlin	<i>Calidris alpina</i>	4								
Curlew Sandpiper	<i>Calidris feruginea</i>	2								
Ruff	<i>Calidris pugnax</i>	1								
Black-headed Gull	<i>Chroicocephalus ridibundus</i>	300	50							
Mediterranean Gull	<i>Ichthyaeetus melanocephalus</i>	10								
Yellow-legged Gull	<i>Larus michahellis</i>	3	30		30	20				
Pygmy Cormorant	<i>Microcarbo pygmaeus</i>	2								
European (Mediterranean) Shag	<i>Gulosus aristotelis desmarestii</i>				4					
Great Cormorant	<i>Phalacrocorax carbo</i>		10		1	10				
Western Cattle Egret	<i>Bubulcus ibis</i>	100	3			5				
Grey Heron	<i>Ardea cinerea</i>	1	3			3		1		
Great Egret	<i>Ardea alba</i>	1	6			5				
Little Egret	<i>Egretta garzetta</i>	5	5			5		1		
Eurasian Sparrowhawk	<i>Accipiter nisus</i>			2	1		1			
Western Marsh Harrier	<i>Circus aeruginosus</i>					H				
Griffon Vulture	<i>Gyps fulvus</i>						9			
Golden Eagle	<i>Aquila chrysaetos</i>		2							
Common Buzzard	<i>Buteo buteo</i>		6	2	5		1	1		
Eurasian Eagle-Owl	<i>Bubo bubo</i>							H		
Tawny Owl	<i>Strix aluco</i>							H		
Common Kingfisher	<i>Alcedo atthis</i>	H				3		1		
Middle Spotted Woodpecker	<i>Dendrocoptes medius</i>				H	H		1		
Lesser Spotted Woodpecker	<i>Dryobates minor</i>			H				2		
Great Spotted Woodpecker	<i>Dendrocopos major</i>	H	2		1	2	2	2H		
Black Woodpecker	<i>Dryocopus martius</i>		1		2		4	2		
European Green Woodpecker	<i>Picus viridis</i>		H	H	H	H	H	1		
Grey-headed Woodpecker	<i>Picus canus</i>		H	H	H			2		
Eurasian Hobby	<i>Falco subbuteo</i>			1						
Eurasian Jay	<i>Garrulus glandarius</i>	1	2	3	10	2	1	3	2	
Eurasian Magpie	<i>Pica pica</i>				2	2	1		1	
Western Jackdaw	<i>Coloeus monedula</i>	2			5				5	
Hooded Crow	<i>Corvus cornix</i>	5	100	5	5	2	2			
Northern Raven	<i>Corvus corax</i>	H	5	2	1	H	3	H		
Marsh Tit	<i>Poecile palustris</i>		5	2	2	1	3	2	H	
Coal Tit	<i>Pariparus ater</i>	H	H	2			3	5		
European Crested Tit	<i>Lophophanes cristatus</i>						2	1		
Eurasian Blue Tit	<i>Cyanistes caeruleus</i>	H	3	5	5	5	2	5		
Great Tit	<i>Parus major</i>	3H	2	5	3	3	3	3	1	
Woodlark	<i>Lullula arborea</i>			H				3		
Barn Swallow	<i>Hirundo rustica</i>			2	30					
Common House Martin	<i>Delichon urbicum</i>	10	100	5			300			
Cetti's Warbler	<i>Cettia cetti</i>	3				3				
Long-tailed Tit	<i>Aegithalos caudatus</i>	3	H	15	8	H	10	10		
Zitting Cisticola	<i>Cisticola juncidis</i>					H				
Common Chiffchaff	<i>Phylloscopus collybita</i>		H	2	H		3	3		
Eurasian Blackcap	<i>Sylvia atricapilla</i>		2H			H	3	H		
Sardinian Warbler	<i>Curruca melanocephala</i>		H		3					
Common Firecrest	<i>Regulus ignicapilla</i>				1	H		3		
Goldcrest	<i>Regulus regulus</i>				1		3	3	H	

Common name	Scientific name	September - October 2023								
		26	27	28	29	30	1	2	3	
Eurasian Wren	<i>Troglodytes troglodytes</i>					1		2		
Dunnock	<i>Prunella modularis</i>						H	2H		
Eurasian Nuthatch	<i>Sitta europaea</i>		2	H	H	H	5	3		
Eurasian Treecreeper	<i>Certhia familiaris</i>						1			
Short-toed Treecreeper	<i>Certhia brachydactyla</i>		H	H	H		H	2	H	
Common Starling	<i>Sturnus vulgaris</i>	5	50		5	50	2	100		
Common Blackbird	<i>Turdus merula</i>		3	2	3	2	3	3	1	
Song Thrush	<i>Turdus philomelos</i>						1	15		
Mistle Thrush	<i>Turdus viscivorus</i>			1			2	H		
Blue Rock Thrush	<i>Monticola solitarius</i>		2			1		H		
European Robin	<i>Erithacus rubecula</i>	2H	2	2	5	5	10	5	2	
Black Redstart	<i>Phoenicurus ochruros</i>		1				1	2		
Common Redstart	<i>Phoenicurus phoenicurus</i>							1		
Whinchat	<i>Saxicola rubetra</i>		2							
European Stonechat	<i>Saxicola rubicola</i>	1								
House Sparrow	<i>Passer domesticus</i>		H			10	2	5		
Western Yellow Wagtail	<i>Motacilla flava</i>		H							
Grey Wagtail	<i>Motacilla cinerea</i>	H	3		2	3	1	3		
White Wagtail	<i>Motacilla alba</i>	20	60	5	5	3	1	10	5	
Tree Pipit	<i>Anthus trivialis</i>				3	H	H	1		
Common Chaffinch	<i>Fringilla coelebs</i>		2	2	H	2	20	10	5	
Hawfinch	<i>Coccothraustes coccothraustes</i>		H	2H				5		
European Greenfinch	<i>Chloris chloris</i>		2H				5	2H		
European Serin	<i>Serinus serinus</i>							2		
Eurasian Siskin	<i>Spinus spinus</i>		H	2H	5H	15	30	10	5	
Cirl Bunting	<i>Emberiza cirlus</i>		1	H	2		2H	2		
Common Reed Bunting	<i>Emberiza schoeniclus</i>		2							

Other vertebrates (D = Dead, S = Signs)

Common name	Scientific name	September – October 2023								
		26	27	28	29	30	1	2	3	
MAMMALS:										
European Free-tailed Bat	<i>Tadarida teniotis</i>				LO	LO				
Kuhl's Pipistrelle	<i>Pipistrellus kuhlii</i>	H					H			
Soprano Pipistrelle	cfr. <i>Pipistrellus pygmaeus</i>							2		
Red Fox	<i>Vulpes vulpes</i>					✓				
Wild Boar	<i>Sus scrofa</i>				S					
European Roe Deer	<i>Capreolus capreolus</i>						✓	✓		
Coypu	<i>Myocastor coypus</i>	✓				✓				
REPTILES & AMPHIBIANS:										
Edible Frog (complex)	<i>Pelophylax syn.kl. esculentus</i>	✓				✓				
Common Tree-frog	<i>Hyla arborea</i>			H		H				
Perrin's Tree-frog	<i>Hyla (intermedia) perrini</i>	H								
Common Toad	<i>Bufo bufo</i>	✓	D							
Eastern Green Lizard	<i>Lacerta viridis</i>			LO						
Common Wall Lizard	<i>Podarcis muralis</i>	✓				✓	✓	✓		
Dalmatian Wall Lizard	<i>Podarcis melisellensis</i>						✓			

Common name	Scientific name	September – October 2023							
		26	27	28	29	30	1	2	3
Italian Wall Lizard	<i>Podarcis siculus</i>			✓	✓	✓			✓
European Pond Turtle	<i>Emys orbicularis</i>	✓							
Red-eared Slider	<i>Trachemys scripta</i>	✓							

Invertebrates

(C = Caterpillar, LO = Leader only, M = Leaf mines, N = Nymph, Ne = Nest, O =Ootheca, S = Signs, T = Moth Trap)

Common name	Scientific name	September – October 2023							
		26	27	28	29	30	1	2	3
BUTTERFLIES:	Papilionidae								
Swallowtail	<i>Papilio machaon</i>			✓	✓				
Scarce Swallowtail	<i>Iphiclides podalirius</i>	✓		✓					
	Pieridae								
Large White	<i>Pieris brassicae</i>	✓			✓				✓
Small White	<i>Pieris rapae</i>		✓	✓	✓	✓	✓	✓	
Southern Small White	<i>Pieris mannii</i>		✓						✓
Green-veined White	<i>Pieris napi</i>		✓						
Eastern Bath White	<i>Pontia edusa</i>		✓		✓				
Clouded Yellow	<i>Colias crocea</i>	✓	✓	✓	✓	✓	✓	✓	
Berger's Clouded Yellow	<i>Colias alfacariensis</i>		✓	✓	✓		✓	✓	
Brimstone	<i>Gonopteryx rhamni</i>								
Wood White	<i>Leptidea sinapis</i>		✓	✓	✓	✓			✓
	Lycaenidae								
Small Copper	<i>Lycaena phlaeas</i>		✓						✓
Geranium Bronze	<i>Cacyreus marshalli</i>				✓	✓	✓		
Lang's Short-tailed Blue	<i>Leptotes pirithous</i>		✓		✓	✓			✓
Short-tailed Blue	<i>Cupido argiades</i>		✓						
Provencal Short-tailed Blue	<i>Cupido alcetas</i>		✓						
Holly Blue	<i>Celastrina aegiolus</i>	✓	✓		✓				
Reverdin's Blue	<i>Plebejus argyrognomon</i>	✓							
Brown Argus	<i>Aricia agrestis</i>		✓						
Adonis Blue	<i>Polyommatus bellargus</i>		✓	✓	✓				✓
Common Blue	<i>Polyommatus icarus</i>		✓	✓	✓	✓	✓	✓	
	Libytheidae								
Nettle-tree Butterfly	<i>Libythea celtis</i>								
	Nymphalidae								
Southern White Admiral	<i>Limenitis reducta</i>		✓	✓					
Large Tortoiseshell	<i>Nymphalis polychloros</i>								
Red Admiral	<i>Vanessa atalanta</i>	✓	✓	✓	✓	✓	✓	✓	
Painted Lady	<i>Vanessa cardui</i>	✓			✓	✓			
Comma Butterfly	<i>Polygonum c-album</i>								
Silver-washed Fritillary	<i>Argynnis paphia</i>		✓	✓					
Silver-washed Fritillary	<i>Argynnis paphia</i> f. <i>valezina</i>								
Queen of Spain Fritillary	<i>Issoria lathonia</i>								✓
Weaver's Fritillary	<i>Boloria dia</i>		✓	✓					
Woodland Grayling	<i>Hipparchia fagi</i>		✓	✓	✓				✓
Grayling	<i>Hipparchia semele</i>		✓	✓	✓		✓	✓	
Great Banded Grayling	<i>Kanetisa circe</i>		✓						
Speckled Wood	<i>Pararge aegeria aegeria</i>	✓	✓			✓	✓	✓	
Small Heath	<i>Coenonympha pamphilus</i>		✓	✓	✓		✓	✓	

Common name	Scientific name	September – October 2023								
		26	27	28	29	30	1	2	3	
Meadow Brown	<i>Maniola jurtina</i>	✓	✓	✓	✓			✓		
Wall Brown	<i>Lasiommata megera</i>	✓	✓	✓	✓		✓	✓		
Large Wall Brown	<i>lasiommata maera</i>									
	Hesperiidae									
Mallow Skipper	<i>Carcharodus alceae</i>						✓			
Dingy Skipper	<i>Erynnis tages</i>							✓		
Southern Grizzled Skipper	<i>Pyrgus malvoides</i>			✓						
Oberthur's Grizzled Skipper	<i>Pyrgus armoricanus</i>		LO	✓				✓		
Large Skipper	<i>Ochlodes venatus</i>		✓	✓						
	MOTHS:									
	Micros:									
Horse Chestnut Leaf Miner	<i>Cameraria ohridella</i>	M	M	M	M	M	M	M	M	
Twenty-plume Moth	<i>Alucita hexadactyla</i>				✓					
Autostichidae	<i>Oegoconia sp.</i>				✓	✓				
Common Plume	<i>Emmelina monodactyla</i>					✓				
Beautiful Plume	<i>Amblyptila acanthadactyla</i>				✓					
Summer Fruit Tortrix	<i>Adoxophyes orana</i>				✓					
Pyralid	<i>Endotrichia flamialis</i>								✓	
Straw Grass-veneer	<i>Agriphila staminella</i>	✓					✓			
Mint Moth	<i>Pyrausta aurata</i>							✓		
Common Purple & Gold	<i>Pyrausta purpuralis</i>	✓								
Golden Pearl	<i>Anania verbascalis</i>	✓		✓						
Fenland Pearl	<i>Anania perlucidalis</i>									
Rusty-dot Pearl	<i>Udea ferrugalis</i>	✓	✓	T	✓	✓	✓	✓	✓	
Mother of Pearl	<i>Pleuroptya ruralis</i>			✓	✓					
Rush Veneer	<i>Nomophila noctuella</i>			✓						
	Macros:									
Orange Swift	<i>Triodia sylvina</i>	✓	D		✓	✓				
A Swift	<i>Triodia adriaticus</i>			✓						
Six-spot Burnet	<i>Zygaena filipendulae</i>		✓					✓		
Hummingbird Hawk-moth	<i>Macroglossum stellatarum</i>		✓		✓	✓	✓	✓		
Portland Ribband Wave	<i>Idaea degeneraria</i>			✓						
Blood-vein	<i>Timandra comae</i>	✓	✓						✓	
Many-lined	<i>Costaconvexa polygrammata</i>						✓	✓		
Yellow Shell	<i>Campptogramma bilineata</i> <i>bilineata</i>				✓			✓		
Lilac Beauty	<i>Apeira syringaria</i>			T						
Scalloped Oak	<i>Crocallis elinguaris</i>		✓	T	✓	✓	✓	✓	✓	
Etched Taupe	<i>Charissa variegata</i>	✓								
European Geometrid	<i>Gnophos furvata</i>				✓					
Willow Beauty	<i>Peribatodes rhomboidaria</i>	✓	✓	T	✓	✓	✓	✓		
European Geometrid	<i>Peribatodes umbraria</i>	✓	✓							
Button Snout	<i>Hypena rostralis</i>	✓								
Chevron Snout	<i>Hypena lividalis</i>	✓	✓	✓	✓	✓	✓	✓	✓	
Hoary Footman	<i>Eilema caniola</i>	✓	✓	✓	✓	✓	✓	✓		
Four-spotted Footman	<i>Lithosia quadra</i>	D			D					
Jubilee Fan-foot	<i>Zanclogantha lunalis</i>		✓			✓				
Scarce Blackneck	<i>Lygephila craccae</i>		✓	✓	✓	✓		✓	✓	
Passenger	<i>Dysgonia algira</i>	D	✓	✓	D					

Common name	Scientific name	September – October 2023								
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Silver-Y	<i>Autographa gamma</i>		✓							
Double-spot Brocade	<i>Meganephria bimaculosa</i>					✓	✓			
Scarce Bordered Straw	<i>Helicoverpa armigera</i>		✓		✓					
European Noctuid	<i>Praestilbia armeniaca</i>			✓	✓		✓	✓	✓	
Latreille's Latin	<i>Callopietria latreillei</i>			✓	✓			✓		
Straw Underwing	<i>Thalpophila matura</i>	✓		✓		✓				
Pale-shouldered Cloud	<i>Chlorantha hyperici</i>						✓			
Angle Shades	<i>Phlogophora meticulosa</i>									✓
Lesser-spotted Pinion	<i>Cosmia affinis</i>	✓	✓		✓	✓				
European Noctuid	<i>Tillacea sulphurago</i>				✓	✓				
Southern Brindled Green	<i>Dryobotodes roboris</i>			✓	✓	✓	✓	✓		
Bedrule Brocade	<i>Mniotype solieri</i>					✓		✓		
Beautiful Arches	<i>Mniotype satura</i>	✓		✓	✓	✓	✓			
White Speck	<i>Mythimna unipuncta</i>			✓		✓	✓			
White Point	<i>Mythimna albipuncta</i>						✓	✓		
L-album Wainscot	<i>Mythimna l-album</i>					✓				
Large Yellow Underwing	<i>Noctua pronuba</i>				✓	✓		✓	✓	
Lesser Yellow Underwing	<i>Noctua comes</i>									✓
Square-spot Rustic	<i>Xestia xanthographa</i>		✓							
OTHER INVERTEBRATES:										
Blue Featherleg	<i>Platycnemis pennipes</i>		✓							
Eastern Willow Spread-wing	<i>Chalcolestes parvidens</i>	✓		✓		✓				
Lesser Emperor	<i>Anax parthenope</i>					✓				
Southern Hawker	<i>Ashna cyanea</i>								✓	
Migrant Hawker	<i>Aeshna mixta</i>	✓				✓				
Common Darter	<i>Sympetrum striolatum</i>	✓	✓	✓	✓				✓	
Red-veined Darter	<i>Sympetrum fonscolombi</i>				✓					
Southern Darter	<i>Sympetrum meridionale</i>					✓				
Keeled Skimmer	<i>Orthetrum coerulescens</i>			✓						
Southern Skimmer	<i>Orthetrum brunneum</i>			✓						
Egyptian Grasshopper	<i>Anacridum aegyptium</i>				✓					
Italian Locust	<i>Callitamus italicus</i>								✓	
Red-winged Grasshopper	<i>Oedipoda germanica</i>							✓		
Blue-winged Grasshopper	<i>Oedipoda caerulescens</i>		✓	✓				✓	✓	
Broad Green-winged Grasshopper	<i>Aiolopus strepens</i>				✓					
Nose Grasshopper	<i>Acrida ungarica</i>				✓					
Mediterranean Bush-cricket	<i>Rhacocleis germanica</i>		✓							
Schmidt's Marbled Bush-cricket	<i>Eupholidoptera schmidti</i>		✓	T				✓	✓	
Lily Bush-cricket	<i>Tylopsis lilifolia</i>		✓							
Large Conehead	<i>Ruspolia nitidula</i>		✓							
Mediterranean Katydid	<i>Phaneroptera nana</i>	✓	✓	T		✓	✓	✓		
Praying Mantis	<i>Mantis religiosa</i>		✓	✓	✓	O	✓	✓		
Black & Red striped Shield Bug	<i>Graphosoma italicum</i>			✓		✓				
Southern Green Shield Bug	<i>Nezara viridula</i>			✓	✓	✓				
Mottled Shield Bug	<i>Rhaphigaster nebulosa</i>					✓				
Italian Shield Bug	<i>Graphosoma italica</i>			✓		✓				
Brown Marmorated Stink Bug	<i>Halyomorpha halys</i>	✓		✓			✓	✓		
Fire Bug	<i>Pyrrhicoris apterus</i>								✓	
Scorpion Fly	<i>Panorpa sp.</i>		✓						✓	

Common name	Scientific name	September – October 2023								
		26	27	28	29	30	1	2	3	
Moth Fly	<i>Ciogmia</i> sp.				✓		✓	✓		
Crane-fly	<i>Tipula</i> sp.				✓		✓	✓		
Caddisfly sp.	<i>Trichoptera</i> sp.		✓	T	✓	✓	✓	✓		
Robber Fly	<i>Asilidae</i> sp.			✓						
A Hover fly	<i>Villa</i> sp.			✓	✓					
Drone Fly	<i>Eristalis tenax</i>				✓					
Paper Wasp	<i>Polistes dominula</i>						✓	S		
a Scoliid Wasp	<i>Scoliidae</i> sp.			✓	✓					
Hornet	<i>Vespa crabro</i>	✓	✓	✓						
Carpenter Bee	<i>Xylocopa violacea</i>			✓	✓			✓		
Honeybee	<i>Apis mellifera</i>	✓	✓	✓	✓	✓	✓	✓		
Common Carder Bee	<i>Bombus pascuorum</i>						✓			
Clay Bumblebee	<i>Bombus argillaceus</i>							✓		
Blue-banded Bee	<i>Amegilla</i> sp.				✓					
Rose Chafer	<i>Cetonia aurata</i>				✓					
Spring Dung Beetle	<i>Trycocopsis vernalis</i>			✓						
A Scorpion	<i>Euscorpis</i> sp.		✓	✓			✓			
False Tarantula	<i>Hogna radiata</i>	✓	✓	✓		✓	✓	✓		
Wasp Spider	<i>Argiope bruennichi</i>		✓	✓						
Five-spotted Star-web Spider	<i>Uroctea durandi</i>					✓				
Walnut Ord Weaver Spider	<i>Nuctenea umbricata</i>	✓			✓			✓		
False Wolf Spider	<i>Zoropsis spinimana</i>	✓			✓					
Triangulate Cobweb Spider	<i>Steatoda triangulosa</i>				✓					
Brown Crab Spider	<i>Xysticus</i> sp.		✓							
Jumping Spider	<i>Psuedophrys lanigera</i>						✓			
WORMS:										
Istrian Worm	<i>Octodrilus istriacus</i>							✓		

Flora

Scientific name	Common name	Day	Location
PTERIDOPHYTES	FERNS & ALLIES		
Calamophytes	Horsetails		
Equisetaceae	Horsetail Family		
<i>Equisetum fluviatile</i>	Water Horsetail	1	Isola della Cona
<i>Equisetum telmateia</i>	Great Horsetail	5	Skocjanski Zatok
Leptosporangiate Ferns	True Ferns		
Aspleniaceae	Spleenwort family		
<i>Asplenium ceterach</i>	Rustyback Fern	2	Istarske Toplice
<i>Asplenium ruta-muraria</i>	Wall-rue	5	Hrastovlje
<i>Asplenium trichomanes</i> subsp. <i>quadrialeans</i>	Maidenhair Spleenwort	2	Istarske Toplice
Dennstaedtiaceae	Bracken Family		
<i>Pteridium aquilinum</i>	Bracken Family	7	Zrenj

Scientific name	Common name	Day	Location
Polypodiaceae	Polypody Family		
<i>Dryopteris filix-mas</i>	Male Fern	6	Poklon
<i>Polypodium cambricum</i>	Southern Polypody	7	Sterna
GYMNOSPERMS	CONIFERS		
Cupressaceae	Juniper Family		
<i>Juniperus communis</i>	Juniper	2	Istarske Toplice
<i>Juniperus oxycedrus</i>	Prickly Juniper	3	Srbani
Pinaceae	Pine Family		
<i>Abies alba</i>	European Silver Fir	6	Poklon
<i>Pinus halepensis</i>	Aleppo Pine	4	Kamenjak
<i>Pinus nigra</i>	Black Pine	1	Buzet
<i>Pinus pinaster</i>	Maritime Pine	4	Kamenjak
ANGIOSPERMS	FLOWERING PLANTS		
Pre-Dicots	Primitive Angiosperms		
Aristolochiaceae	Birthwort Family		
<i>Aristolochia clematitis</i>	Yellow Birthwort	5	Hrastovlje (leaves)
<i>Aristolochia rotunda</i>	Round-leaved Birthwort	1	Isola della Cona (leaves)
Eu-dicots	True Dicotyledons		
Adoxaceae	Moschatel Family		
<i>Sambucus ebulus</i>	Danewort or Dwarf Elder	6	Učka
<i>Sambucus nigra</i>	Elder	6	Učka
<i>Vioburnum opulus</i>	Guelder Rose	1	Isola della Cona
Amaranthaceae	Goosefoot Family		
<i>Amaranthus retroflexus</i>	Redroot Amaranth	3	Ipši
<i>Atriplex patula</i>	Common Orache	2	Istarske Toplice
<i>Atriplex portulacoides</i>	Sea-Purslane	5	Skocjanski Zatok
Anacardiaceae	Sumach Family		
<i>Cotinus coggygria</i>	Smoke Bush	2	Istarske Toplice
<i>Pistachia terebinthus</i>	Turpentine Tree	3	Srbani
<i>Pistachia lentiscus</i>	Mastic Tree	4	Kamenjak
Apiaceae	Carrot Family		
<i>Crithmum maritimum</i>	Rock Samphire	4	Kamenjak
<i>Daucus carota</i>	Wild Carrot	2	Istarske Toplice
<i>Eryngium amythestinum</i>	Blue Eryngo	3	Srbani
<i>Foeniculum vulgare</i>	Fennel	4	Kamenjak
<i>Heracleum sphondylium</i>	Hogweed	2	Istarske Toplice
<i>Pastinaca sativa</i>	Wild Parsnip	2	Istarske Toplice
<i>Pimpinella saxifraga</i>	Lesser Burnet Saxifrage	2	Istarske Toplice
<i>Seseli tommasinii</i>	-	6	Učka
<i>Seseli tortuosum</i>	-	4	Kamenjak

Scientific name	Common name	Day	Location
Apocynaceae	Periwinkle Family		
<i>Vincetoxicum hirundinaria</i>	Swallow-wort	3	Srbani
Araliaceae	Ivy Family		
<i>Hedera helix</i>	Ivy	1	Isola della Cona
Asteraceae (Compositae)	Daisy Family		
<i>Achillea millefolium</i>	Yarrow	5	Skocjanski Zatok
<i>Artemisia absinthium</i>	Wormwood	6	Poklon
<i>Artemisia vulgaris</i>	Mugwort	2	Istarske Toplice
<i>Artemisia maritima</i>	Sea Wormwood	5	Skocjanski Zatok
<i>Aster sp.</i>	A Michelmas daisy	7	Oprtalj
<i>Bellis perennis</i>	Daisy	2	Istarske Toplice
<i>Bellis sylvestris</i>	Southern Daisy	3	Srbani
<i>Bidens subalternans</i>	Greater Beggar-ticks	5	Hrastovlje
<i>Bupthalmum salicifolium</i>	Yellow Oxeye	6	Učka
<i>Carlina acaulis</i>	Stemless Carlina Thistle	6	Učka
<i>Carlina corymbosa</i>	Corymbose Carlina Thistle	4	Kamenjak
<i>Centaurea jacea</i>	Brown Knapweed	2	Istarske Toplice
<i>Centaurea nigrescens</i>	Tyrol Knapweed	7	Istarske Toplice
<i>Centaurea solstitialis</i>	Yellow Star Thistle	6	Učka
<i>Cichorium intybus</i>	Chicory	1	Isola della Cona
<i>Cirsium eriophorum</i>	Woolly Thistle	6	Učka
<i>Cirsium vulgare</i>	Spear Thistle	3	Srbani
<i>Dittrichia viscosa</i>	Woody Fleabane	4	Kamenjak
<i>Erigeron annuus</i>	Annual Fleabane	2	Istarske Toplice
<i>Erigeron canadensis</i>	Canadian Fleabane	5	Skocjanski Zatok
<i>Erigeron sumatrensis</i>	Guernsey Fleabane	1	Isola della Cona
<i>Eupatorium cannabinum</i>	Hemp Agrimony	5	Skocjanski Zatok
<i>Galinsoga quadriradiata</i>	Gallant Soldier	6	Učka
<i>[Helianthus tuberosus]</i>	Jerusalem Artichoke	2	Naturalised along The River Mirna
<i>Helichrysum italicum</i>	Curry Plant	4	Kamenjak
<i>Helminthotheca echioides</i>	Bristly Ox-tongue	5	Skocjanski Zatok
<i>Lactuca serriola</i>	Prickly Lettuce	2	Istarske Toplice
<i>Leucanthemum ircutianum</i>	an Ox-eye daisy	7	Oprtalj
<i>Limbarda crithmoides</i>	Golden Samphire	2	River Mirna Valley
<i>Picris hieracioides</i>	Hawkweed Ox-tongue	2	Istarske Toplice
<i>Pulicaria dysenterica</i>	Common Fleabane	5	Skocjanski Zatok
<i>Senecio inaequidens</i>	Narrow-leaved Ragwort	5	Skocjanski Zatok
<i>Senecio vulgaris</i>	Common Groundsel	7	Zrenj
<i>Solidago virgaurea</i>	Goldenrod	6	Učka
<i>Sonchus arvensis</i>	Meadow Sow-thistle	5	Skocjanski Zatok
<i>Symphotrichum subulatum</i>	Southeast Annual Saltmarsh Aster	2	River Mirna Valley
<i>Taraxacum sp.</i>	A Dandelion	2	Istarske Toplice
<i>Tripolium pannonicum</i>	Sea Aster	2	River Mirna Valley
<i>Xanthium italicum</i>	-	2	River Mirna Valley
Betulaceae	Birch Family		
<i>Carpinus orientalis</i>	Oriental Hornbeam	2	Istarske Toplice

Scientific name	Common name	Day	Location
<i>Corylus avellana</i>	Hazel	6	Učka
<i>Ostrya carpinifolia</i>	Hop-hornbeam	6	Učka
Boraginaceae	Forget-me-not Family		
<i>Echium vulgare</i>	Viper's-bugloss	2	Istarske Toplice
Brassicaceae	Cabbage Family		
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	6	Učka
<i>Diplotaxis tenuifolia</i>	Perennial Rocket	2	Istarske Toplice
<i>Erysimum</i> sp.	Treacle Mustard	6	Učka
<i>Iberis linifolia</i>	A Candytuft	2	Istarske Toplice
Campanulaceae	Bellflower Family		
<i>Campanula bononiensis</i>	-	2	Istarske Toplice
<i>Campanula marchesettii</i>	-	6	Učka
<i>Campanula pyramidalis</i>	-	5	Hrastovlje
<i>Cxampanula trachelium</i>	Nettle-leaved Bellflower	2	Istarske Toplice
Cannabaceae	Hop Family		
[<i>Celtis australis</i>]	Southern Nettle-tree	5	Kopar/Capodistria
<i>Humulus lupulus</i>	Hop	5	Skocjanski Zatok
Caprifoliaceae	Honeysuckle Family		
<i>Dipsacus fullonum</i>	Teasel	1	Isola della Cona
<i>Knautia</i> sp.	-	7	Oprtalj
<i>Scabiosa canescens</i>	-		
<i>Scabiosa triandra</i>	-	2	Istarske Toplice
Caryophyllaceae	Pink Family		
<i>Dianthus ciliatus</i>	-	3	Srbani
<i>Dianthus sylvestris</i>	Wood Pink	6	Učka
<i>Moehringia muscosa</i>	-	6	Učka
<i>Petrorhagia dubia</i>	Hairy Pink	5	Skocjanski Zatok
<i>Petrorhagia saxifraga</i>	Tunic Flower	2	Istarske Toplice
<i>Silene latifolia</i>	White Campion	3	Ipši
<i>Silene vulgaris</i>	Bladder Campion	2	Istarske Toplice
<i>Stellaria media</i>	Chickweed		
Celastraceae	Spindle Family		
<i>Euonymus europaeus</i>	Spindle	2	Istarske Toplice
Cistaceae	Rock-rose Family		
<i>Cistus creticus</i>	Pink Cistus	4	Kamenjak (leaves)
<i>Cistus monspeliensis</i>	Narrow-leaved Cistus	4	Kamenjak (leaves)
<i>Helianthemum nummularium</i>	Rock-rose	2	Istarske Toplice
Convolvulaceae	Bindweed Family		
<i>Calystegia sepium</i>	Hedge Bindweed	7	Istarske Toplice
<i>Convolvulus arvensis</i>	Field Bindweed	2	River Mirna Valley
<i>Convolvulus cantabricus</i>	Pink Bindweed	2	Istarske Toplice
Cornaceae	Dogwood Family		

Scientific name	Common name	Day	Location
<i>Cornus sanguinea</i>	Dogwood	5	Skocjanski Zatok
Crassulaceae			
Stonecrop Family			
<i>Hylotelephium maximum</i>	Great Stonecrop	4	Kamenjak
<i>Sedum hispanicum</i>	-	6	Učka
<i>Sedum sexangulare</i>	Tasteless Stonecrop	6	Učka
Ericaceae			
Heather Family			
<i>Erica arborea</i>	Tree Heather	2	Istarske Toplice
Euphorbiaceae			
Spurge Family			
<i>Euphorbia cyparissias</i>	Cypress Spurge	2	Istarske Toplice
<i>Euphorbia nicaeensis</i>	Nice Spurge	3	Srbani
<i>Euphorbia prostrata</i>	Prostrate Spurge	3	Srbani
Fabaceae (Leguminosae)			
Pea Family			
[<i>Amorpha fruticosa</i>]	False Indigo	1	Isola della Cona
<i>Lathyrus latifolius</i>	Broad-leaved Everlasting Pea	2	Istarske Toplice
<i>Lotus dorycnium (Dorycnium pentaphyllum)</i>	-	7	Oprtalj
[<i>Robinia pseudoacacia</i>]	False Acacia	2	Istarske Toplice
<i>Securigera varia</i>	Crown Vetch	5	Skocjanski Zatok
<i>Spartium junceum</i>	Spanish Broom	4	Kamenjak (in fruit)
<i>Trifolium pratense</i>	Red Clover	1	Isola della Cona
<i>Trifolium repens</i>	White Clover	1	Isola della Cona
<i>Vicia cracca</i>	Tufted Vetch	2	River Mirna Valley
Fagaceae			
Beech Family			
<i>Castanea sativa</i>	Sweet Chestnut	7	Zrenj
<i>Fagus sylvatica</i>	Beech	6	Učka
<i>Quercus ilex</i>	Holm Oak	4	Kamenjak
<i>Quercus pubescens</i>	Downy Oak	2	Istarske Toplice
<i>Quercus robur</i>	Pendunculate Oak	1	Isola della Cona
Gentianaceae			
Gentian Family			
<i>Centaurium erythraea</i>	Common Centaury	7	Oprtalj
<i>Centaurium pusillum</i>	Lesser centaury	4	Kamenjak
Geraniaceae			
Crane's-bill Family			
<i>Erodium cicutarium</i>	Common Stork's-Bill	6	Učka
<i>Geranium columbinum</i>	Long-stalked Crane's-bill	6	Učka
<i>Geranium robertianum</i>	Herb Robert	6	Učka
Hypericaceae			
St. John's-wort Family			
<i>Hypericum perforatum</i>	Perforate St. John's-wort	3	Srbani
Juglandaceae			
Walnut Family			
[<i>Juglans regia</i>]	Walnut	5	Hrastovlje
Lamiaceae			
Deadnettle Family			
<i>Ajuga chamaepitys</i>	Ground-pine	4	Kamenjak
<i>Betonica officinalis</i>	Betony	3	Srbani
<i>Clinopodium menthifolium</i>	Wood Calamint	2	Istarske Toplice

Scientific name	Common name	Day	Location
<i>Clinopodium nepeta</i>	Lesser Calamint	4	Kamenjak
<i>Clinopodium vulgare</i>	Wild Basil	6	Učka
<i>Galeopsis tetrahit</i> agg.	Bifid Hemp-nettle	6	Učka
<i>Lamium maculatum</i>	Spotted Dead-nettle	5	Skocjanski Zatok
<i>Lycopus europaeus</i>	Gypsywort	2	Mirna mouth
<i>Marrubium incarnum</i>	Silver Hoarehound	6	Učka
<i>Mentha aquatica</i>	Water Mint	1	Isola della Cona
<i>Mentha longifolia</i>	Horse Mint	7	Zrenj
<i>Oreganum vulgare</i>	Marjoram	2	Istarske Toplice
<i>Prunella vulgaris</i>	Selfheal	1	Isola della Cona
<i>Salvia glutinosa</i>	Jupiter's Disstaff	5	Buzet
<i>Salvia officinalis</i>	Common Sage	4	Kamenjak
<i>Salvia pratensis</i>	Meadow Sage	7	Zrenj
<i>Salvia verticillata</i>	Whorled Clary	6	Učka
<i>Satureja montana</i>	Winter Savory	2	Istarske Toplice
<i>Satureja subspicata</i>	Lilac-flowered Savory	6	Učka
<i>Stachys recta</i>	Yellow Woundwort	3	Srbani
<i>Teucrium polium</i>	Felty Germander	3	Srbani
Linaceae	Flax Family		
<i>Linum tenuifolium</i>	Narrow-leaved Flax	3	Srbani
Loranthaceae	Mistletoe Family		
<i>Loranthus europaeus</i>	Yellow Mistletoe	6	Hum
Malvaceae	Mallow Family		
<i>Althaea cannabina</i>	Palm-leaved Marsh Mallow	2	River Mirna Vally
<i>Hibiscus trionum</i>	Bladder Ketmia	7	Zrenj
<i>Malva neglecta</i>	Dwarf Mallow	6	Učka
<i>Malva sylvestris</i>	Common Mallow	2	River Mirna Vally
Menyanthaceae	Bogbean Family		
<i>Nymphoides peltata</i>	Fringed Water-lily	1	Isola della Cona
Moraceae	Mulberry Family		
[<i>Broussonetia papyrifera</i>]	Paper Mulberry	2	Istarske Toplice
[<i>Ficus carica</i>]	Fig	4	Kamenjak
Myrtaceae	Myrtle Family		
<i>Myrtus communis</i>	Myrtle	4	Kamenjak
Oleaceae	Olive Family		
<i>Fraxinus ornus</i>	Manna or Flowering Ash	7	Oprtalj
<i>Ligustrum vulgare</i>	Wild Privet	5	Skocjanski Zatok
Onagraceae	Willoeherb Family		
<i>Chamaenerion dodonaei</i>	Rosmary-leaved Willowherb	4	Pula
<i>Epilobium hirsutum</i>	Great Willowherb	5	Skocjanski Zatok
Orobanchaceae	Broomrape Family		
<i>Odontites luteus</i>	Yellow Odontites	7	Oprtalj
<i>Orobache hederæ</i>	Ivy Broomrape	2	Istarske Toplice

Scientific name	Common name	Day	Location
Papervaceae			
Poppy Family			
<i>Pseudofumaria alba</i>	Pale Corydalis	6	Učka
Phytolaccaceae			
Pokeweed Family			
<i>Phytolacca americana</i>	Pokeweed	2	Istarske Toplice
Plantaginaceae			
Plantain Family			
<i>Cymbalaria muralis</i>	Ivy-leaved Toadflax	6	Učka
<i>Globularia meridionalis</i> (<i>G.cordifolia</i> subsp. <i>bellidifolia</i>)	Matted Globularia	6	Učka
<i>Linaria vulgaris</i>	Common Toadflax	2	Istarske Toplice
<i>Plantago lanceolata</i>	Ribwort Plantain	3	Srbani
<i>Plantago major</i>	Greater Plantain	1	Isola della Cona
<i>Plantago media</i>	Hoary Plantain	7	Zrenj
<i>Veronica barrelieri</i>	-	2	Istarske Toplice
<i>Veronica beccabunga</i>	'Brooklime	6	Učka
<i>Veronica chamaedrys</i>		6	Učka
Plumbaginaceae			
Thrift Family			
<i>Limonium narbonense</i>	Swamp Sea Lavander	2	River Mirna Valley
Polygalaceae			
Milkwort Family			
<i>Polygala nicaeensis</i>	Nicean Milkwort	3	Srbani
Polygonaceae			
Knotweed Family			
<i>Persicaria hydropiper</i>	Water Pepper	1	Isola della Cona
<i>Polygonum aviculare</i>	Common Knotweed	5	Skocjanski Zatok
Portulacaceae			
Purslane Family			
<i>Portulaca oleracea</i>	Purslane	3	Srbani
Primulaceae			
Primrose Family			
<i>Cycleman purpurescens</i>	Sowbread	2	Istarske Toplice
<i>Lysimachia arvensis</i>	Scarlet Pimpernel	6	Učka
<i>Primula veris</i>	a Primrose	10	Istarske Toplice
Ranunculaceae			
Buttercup Family			
<i>Clematis flammula</i>	-	6	Poklon
<i>Clematis vitalba</i>	Traveller's Joy	1	Buzet
<i>Clematis viticella</i>	Italian Leather Flower	2	Mirna mouth
<i>Consolida regalis</i>	Larkspur	7	Zrenj
<i>Helleborus multifidus</i> subsp. <i>istriacus</i>	-	6	Učka
<i>Heleborus nigra</i>	Christmas Rose		
<i>Ranunculus acris</i>	Meadow Buttercup	1	Isola della Cona
Resedaceae			
Mignonette Family			
<i>Reseda lutea</i>	Mignonette	7	Zrenj
Rhamnaceae			
Buckthorn Family			
<i>Paliurus spina-christi</i>	Christ's-thorn	2	Istarske Toplice

Scientific name	Common name	Day	Location
Rosaceae	Rose Family		
<i>Agrimonia eupatoria</i>	Agrimony	4	Kamenjak
<i>Crataegus monogyna</i>	Common Hawthorn	1	Isola della Cona
<i>Potentilla cinerea</i>	Grey Cinqufoil	3	Srbani
<i>Poterium sanguisorba</i>	Salad Burnet	2	Istarske Toplice
<i>Prunus maheleb</i>	St. Lucie's Cherry	6	Učka
<i>Prunus spinosa</i>	Blackthorn	1	Isola della Cona
<i>Rosa canina</i> agg.	Dog Rose	2	Istarske Toplice
<i>Rosa glauca</i>	Red-leaved Rose	6	Učka
<i>Rosa spinosissima</i>	Burnet Rose	6	Učka
<i>Rubus caesius</i>	Dewberry	2	Istarske Toplice
<i>Rubus ulmifolius</i>	Elm-leaved Bramble	3	Srbani
<i>Sorbus aria</i>	Whitebeam	6	Učka
<i>Sorbus torminalis</i>	Wild Service Tree		
Rubiaceae	Bedstraw Family		
<i>Asperula cynanchica</i>	Squinnancywort	2	Istarske Toplice
<i>Galium verum</i>	Lady's Bedstraw	2	Istarske Toplice
Salicaceae	Willow Family		
<i>Populus x canescens</i>	Hybrid Black Poplar	1	Isola della Cona
<i>Populus nigra</i>	Black Poplar	1	Isola della Cona
<i>Populus tremula</i>	Aspen	2	River Mirna Vally
<i>Populus alba</i>	White Poplar	1	Isola della Cona
<i>Salix caprea</i>	Goat Willow	6	Učka
<i>Salix cinerea</i>	Grey Willow	5	Skocjanski Zatok
Santalaceae	Sandalwood Family		
<i>Osyris alba</i>	-	3	Srbani
<i>Thesium divaricatum</i>	A Bastard Toadflax	3	Srbani
Sapindaceae	Maple Family		
<i>Acer campestre</i>	Field Maple	1	Isola della Cona
<i>Acer opalus</i>	Italian Maple	6	Učka
<i>Acer pseudoplatanus</i>	Sycamore	6	Učka
Scrophulariaceae	Figwort Family		
<i>Scrophularia canina</i>	Dog Figwort	6	Učka
<i>Verbascum blattarii</i>	Moth Mullein	3	Ipši
<i>Verbascum chaixii</i>	Nettle-leaved Mullein	7	Zrenj
<i>Verbascum sinuatum</i>	Wavy-leaf Mullein	4	Kamenjak
Simaroubaceae	Tree of Heaven family		
<i>Ailanthus altissima</i>	Tree of Heaven	3	Srbani
Solanaceae	Nightshade Family		
<i>Solanum dulcamara</i>	Bittersweet	6	Učka
<i>Solanum nigrum</i>	Black Nightshade	2	River Mirna Valley
Tamaricaceae	Tamarisk Family		
<i>Tamarix gallica</i>	Tamarisk	2	River Mirna Valley

Scientific name	Common name	Day	Location
Urticaceae	Nettle Family		
<i>Parietaria judaica</i>	Pelitory-of-the-Wall	3	Istarske Toplice
<i>Urtica dioica</i>	Common Nettle	1	Isola della Cona
Verbenaceae	Vervain Family		
<i>Verbena officinale</i>	Vervain	1	Isola della Cona
Vitaceae	Vine Family		
[<i>Parthenocissus quinquefolia</i>]	Virginea Creeper	2	Istarske Toplice
<i>Vitis sylvestris</i>	Wild Vine	4	Kamanjak
Monocots	Monocotyledons		
Amaryllidaceae	Daffodil Family		
<i>Allium lusitanicum</i> (<i>A. senescens</i>)	Mountain Onion	6	Hum
Asparagaceae	Asparagus Family		
<i>Anthericum ramosum</i>	Branched St. Bernard's Lily	2	Istarske Toplice
<i>Asparagus acutifolius</i>	Spiny Asparagus	3	Srbani
<i>Asparagus officinale</i>	Asparagus	1	Isola della Cona
<i>Prospero autumnale</i>	Autumn Squill	3	Srbani
<i>Ruscus aculeatus</i>	Butcher's Broom	3	Srbani
Colchicaceae	Meadow Saffron Family		
<i>Colchicum autumnale</i>	Autumn Crocus	3	Srbani
<i>Epipactis</i> sp.	A Helleborine	6	Učka
Cyperaceae	Sedge Family		
<i>Scirpus sylvaticus</i>	Wood Club-rush	1	Isola della Cona
Orchidaceae	Orchid Family		
<i>Epipactis</i> sp.	A Helleborine	6	Učka
<i>Spiranthes autumnalis</i>	Autumn Ladies Tresses	3	Srbani
Poaceae	Grass Family		
<i>Arundo donax</i>	Giant Reed	1	Isola della Cona
<i>Bothriochloa ischaemum</i>	King Ranch Bluestem	2	Istarske Toplice
<i>Cynodon dactylon</i>	Bermuda Grass	3	Srbani
<i>Dactylis glomerata</i>	Cock's-foot	3	Srbani
<i>Echinochloa crus-galli</i>	Barnyard Grass	5	Skocjanski Zatok
<i>Glyceria maxima</i>	Reed Sweet Grass	2	River Mirna Valley
<i>Lagurus ovatus</i>	Hare's-tail Grass	4	Kamanjak
<i>Panicum virgatum</i>	Switch Grass	2	Istarske Toplice
<i>Phragmites australis</i>	Common Reed	1	Isola della Cona
<i>Setaria pumila</i>	Yellow Bristle-grass	2	Isola della Cona
<i>Setaria viridis</i>	Green Bristle-grass	5	Skocjanski Zatok
<i>Sorghum halepense</i>	Johnson Grass	1	Isola della Cona
Smilacaceae	Greenbrier Family		
<i>Smilax aspera</i>	Smilax	4	Kamanjak
Typhaceae	Bulrush Family		

Scientific name	Common name	Day	Location
<i>Typha latifolia</i>	Bulrush	5	Skocjanski Zatok
Fungus:			
<i>Macrolepiota procera</i>	Parasol Mushroom	7	Zrenj
<i>Ganoderma australe</i>	Southern Bracket	7	Oprtalj