# Austria's Steppes & Wetlands

# Naturetrek Tour Report

9 – 16 May 2018





Great Reed Warbler

Bearded (Tit) Reedling







Spotted Fritillary

Report and images by Dave Smallshire



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#### Summary

This single-base tour of Burgenland and adjacent parts of Hungary yielded a total of 131 bird species and a wide range of other interesting animals (such as Souslik, Lesser Purple Emperor and Fire-bellied Toad) and plants. Although the spring had been dry and delayed, spring insects such as butterflies and dragonflies were found in good variety and numbers. Lake Neusiedl and the alkaline lakes of the Seewinkel had lower water levels than usual and some of the wetland birds seemed rather scarce. The group succeeded in finding most of the key birds of the area, including Pygmy Cormorant, Ferruginous Duck, White-tailed and Eastern Imperial Eagles, Redfooted Falcon, Great Bustard, passage and breeding waders including Temminck's Stint, White-winged Black Tern, Long-eared Owl, Black Woodpecker, Bee-eater, Barred and Icterine Warblers, Collared Flycatcher and Penduline Tit.

#### Day 1

#### Wednesday 9th May

We left Heathrow Terminal 3 in mid-morning and arrived at Vienna airport on time. After collecting our baggage, we soon found Elizabeth and Bruce, who had been spending time in Vienna beforehand. We picked up the minibus and some lunch, then drove to our base for the week in the village of Wallern, situated between the Neusiedler See - Seewinkel National Park and the Hansag plain. After settling into our rooms, we were invited to a welcome drink at the shady tables outside, while a Serin serenaded us from the treetops: all very pleasant!

Then we went to view Zicklacke soda lake, near Illmitz. Like many of the other Seewinkel lakes this year, the water level was well down, providing suitable feeding areas for waders such as Avocet, Black-winged Stilt, Lapwing and Redshank. These waders were prominent during the coming week, being seen widely at wetland sites. A good number of Red-crested Pochard were on the water, while the surrounding grassland contained the first of many colourful displays of Military and Green-winged Orchids, Flax and Salvias. Nearby bushes gave us some good views of a Red-backed Shrike and a singing Barred Warbler; both staying long enough to be viewed in the scope. We then drove briefly to the marina via a causeway leading through the extensive reedbeds on the edge of Lake Neusiedl. Pochard and Tufted Duck were in the reedy pools, but not the anticipated Ferruginous Duck. We had distant views of Pygmy Cormorants, listened to Great Reed, Reed and Savi's Warblers in song and found a Whinchat feeding from the reeds.

#### Day 2

# **Thursday 10th May**

After breakfast, we headed out for a morning walk on the eastern side of Lange Lacke, the largest of the Seewinkel lakes. Here we were met by a blaze of colour from the plants of the Hutweide: pastureland rich in plantlife and its associated insects, which included large numbers of Black-veined Moths, Silver-studded Blues, Grizzled Skippers and Glanville Fritillaries. Other butterflies included small numbers of Spotted and Knapweed Fritillaries and a fly-by Pale or Berger's Clouded Yellow. Along the path we spotted Green Tiger Beetles and Field Crickets chirped incessantly from their little burrows. Around the lake itself were lots of Avocets and a few Little Ringed Plovers, while breeding Lapwings, Redshanks and Black-tailed Godwits kept flying up to chase Hooded Crows or Marsh Harriers. The waterfowl on an adjacent lake suddenly took to the air, pointing us to two immature eagles soaring overhead: one was an Eastern Imperial Eagle, the other a White-tailed Eagle. After

the birds had settled down, we found Garganey, Wigeon and Ruff from a viewing platform, while a couple of dozen Little Gulls picked insects off the surface with Black-headed Gulls.

We retraced our steps and had lunch in the nearby restaurant, crowded because it was Ascension Day public holiday, and later set off for the Hungarian borderlands on the Andau Plain. Our first stop on the Plain was an observation platform, from where we saw two separate Great Bustards, which later flew around on their powerful wings. Two male and one female Montagu's Harriers gave good views, a Quail called from the tall vegetation and Brown Hares were especially common here. Then we moved on a short distance to the Einserkanal, where we walked onto the wooden Andau Bridge that was used in the mid-1950s by 70,000 Hungarians fleeing the Hungarian Revolution. Not all of us made it across to the Hungarian side, however, as the thunder got closer and it started to rain. It proved to be a bad decision to stand under the roof of the central section, because soon the rain came down heavily and a strong wind suddenly got up, taking two sun hats swiftly into the canal and thoroughly drenching us in no time. Cold, dripping and somewhat dispirited, we elected to head back early to the hotel. In no time, of course, the sun came out and, on the way, we looked out across the bustard fields from the elevated position of the minibus: five Great Bustards (and a Curlew) were showing reasonably well now! Later, as we had dinner, a pair of Black Redstarts appeared on the roof of the adjacent house.

Day 3 Friday 11th May

This morning we took a picnic breakfast out to the reed fringes of Lake Neusiedl by horse and carriage. We left Illmitz through meadows and past open water to our drop-off point at Sandeck Tower, a Cold War watchpoint. A Hoopoe was spotted on the track as we arrived – we were to get some nice views of it calling later. We unloaded our picnic at the building used to house perhaps 20% of the total world stock of attractive blue-eyed White Donkeys, a local breed, which were gathered in the adjacent meadow. The weather was lovely and soon we were tucking in to our breakfast, while a pair of Red-backed Shrikes entertained us on nearby bushes and fences. Scanning across the open water and reedbeds from our vantage point, we saw occasional herons, Pygmy Cormorants, Spoonbill, Ferruginous Ducks and Marsh Harriers flying over the reeds, but fewer than expected, perhaps due to the low water level in the lake (which no doubt explained our failure to see or hear a Bittern during the week). On the nearest patch of open water were Red-crested Pochard, Garganey and Teal. Among the waders feeding in the shallows were a distant Spotted Redshank, and Avocets scything their bills through the water. Eventually, we realised that the noisy Kestrels flying around weren't all Kestrels: two pairs of Red-footed Falcons were also flying around, apparently breeding in the noisy Rookery in the trees! We had good views of them catching insects and hovering, one female giving us good scope views. While we were looking skywards, 'Hawkeye' Lesley noticed a high-flying Black Kite overhead. As we walked back to Illmitz we found parties of Wood Sandpipers, Dunlins and Ruffs, a singing Barred Warbler, some stunning Grey-headed Wagtails and had excellent views of Bearded Tits. Our first Whiskered Tern flew north, followed by groups of Black Terns and Little Gulls.

After shopping for lunch in Illmitz, Dave dropped the group at the National Park headquarters, where Firebellied Toads gave their loud 'pooping' calls in a pond. After collecting Elizabeth, Caroline and Bruce from the hotel, we regrouped and joined Alois Long from the National Park, who gave us a talk about the wetlands and steppes and their management for wildlife. After some of us had sampled ice creams, we drove a short way to Hölle and the charmingly-named Oberstinkersee. Birds were few on the lake, but many more were seen at an

adjacent lake from a rather crowded observation platform. Prominent here were waders, some of which (Little Ringed Plover, Black-tailed Godwit and Redshank) were close and others (notably Little and Temminck's Stints and our only Ringed Plover of the trip) rather more distant. Walking along the cycle track between the main reedbeds and woodland, we had good views of an Icterine Warbler, though Nightingales stayed hidden.

#### Day 4

## Saturday 12th May

Today proved to be the warmest day of the trip, with the temperature rising to the high 20s Celsius. In the morning we visited the wet meadows at Zitzmannsdorfer, near Gols. Breeding waders and other birds were scarce in the meadows compared with previous years, probably a result of the dry conditions; a pair of Curlews chasing Hooded Crows and Marsh Harriers were notable. A female Golden Oriole called, eventually giving most of us views in flight and briefly in some trees, near which we saw several dragonflies, including Blue Featherleg, Green-eyed and Hairy Hawkers, Blue Chaser and Broad Scarlet. Other insects were also prominent in the warm conditions: Oil Beetles, Violet Carpenter Bee, Eastern Bath White and Spotted Fritillary were found, together with large numbers of Small Heath and Common and Silver-studded Blue butterflies. A swarm of bees covered part of an information board: we kept our distance! The meadow flowers were very colourful and included Laxflowered Orchids and Siberian Blue Iris. Whinchat, Stonechat and Spotted Flycatcher were seen around a viewpoint overlooking Lake Neusiedl, while a trio of Cuckoos flew around for some time. Eleven Bee-eaters flew over – a foretaste of the afternoon's visit.

We lunched in Gols and then, suitably refreshed, drove a short distance to a Bee-eater breeding colony in a small sand quarry. There must have been about 100 Bee-eaters in total, affording us excellent views of their pre-breeding activities, which included excavating nest holes and males bringing bees and dragonflies to feed to females. Jackdaws, Starlings and Tree Sparrows were also much in evidence, entering nest holes in the old quarry face. Our final venue was a hide overlooking open water on the edge of Lake Neusiedl near Illmitz, which gave us views of Little Ringed Plover and Common and Whiskered Terns.

## Day 5

# Sunday 13th May

Today we headed north, stopping first near St Andrä, where we a colony of Susliks (European Ground Squirrels) live in burrows in grassland within a holiday camp. The animals are well-accustomed to seeing people and vehicles and afforded us good views as they went about their foraging. Next, we headed off for the relatively high ground of the Parndorfer Platte, in time to catch the first soaring raptors. On reaching a viewpoint looking out over huge arable fields and distant wind turbines, we soon found our first target: an Eastern Imperial Eagle that soared up and glided past us, later returning to join a further two birds circling. Walking to another viewpoint, we had good views of an obliging Scarce Swallowtail on the ground. We checked all the pylons where Sakers are normally perched, but to no avail. Eventually, Dave spotted a very distant bird mobbing a Marsh Harrier, but it was soon lost in the sky and no-one else managed to see it. Unfortunately, we could not get any closer, which perhaps was just as well for this very rare European falcon.

Continuing northwards, we crossed the Danube and spent a while beside an oxbow lake, where we were greeted by a Kingfisher visiting its nest. Dave pointed out a range of dragonflies, including Red-eyed Damselflies, Hairy Hawker, Blue Emperor, Downy Emerald and Broad-bodied Chasers. We had a picnic lunch overlooking the Danube, after which we found a Lesser Purple Emperor butterfly taking salts on the ground. Our afternoon

destination was the WWF Marchegg Reserve, which lies further north, alongside the Slovakian border, in the floodplain of the River March (Morava). We did a circular walk taking in oxbow lakes and surrounding woodland and grassland. Several Collared Flycatchers sang, though the only sighting was a female that landed briefly on a gate. A Red Kite flew over, later followed by a few Swifts, the only ones of the trip. Lesley saw a pair of Golden Orioles, but the rest of us had to be content with hearing the song. Yellowhammer, Chiffchaff, Icterine Warbler and a distant River Warbler were heard singing, but everyone saw the Short-toed Treecreeper visiting its nest site behind peeling bark. Two notable butterfly species were Sooty Copper and Black Hairstreak, while Dave was excited to see several Eurasian Baskettail dragonflies at the lakes. We finished off by a visit to a local café for refreshments before heading back to Wallern.

# Day 6 Monday 14th May

Today we headed south for a day in Hungary, first around the excellent wetlands at Fertoujlak (Mekszikopuszta). A White-tailed Eagle sat in a distant tree towards Lake Neusiedl, while the nearby lake held a nice variety of waders, including Curlew Sandpipers, and a feeding flock of Little Gulls with Whiskered, Black and White-winged Black Terns. A smart Blue-headed Wagtail sat on one of the National Park signs in front of the viewing platform, while in the opposite direction a Corn Bunting 'jangled' atop a bush. However, the most bizarre sighting here came when Lesley (who else!) spotted a Black Woodpecker flying right over our heads; it stopped briefly in an isolated tree before continuing over the meadows to the woodland where the eagle was perched. Walking along the Einserkanal from the sluice that controls the water level in Lake Neusiedl, we had very close views of a Great Reed Warbler, such that we could see right into its bright red gape. Continuing on to a viewing platform, we were directed to look at a Squacco Heron; unusual enough, but later there were two and then a further four flew by! We couldn't locate the Cranes that had been seen earlier, but we did see a flock of Spoonbills and a couple of Glossy Ibis instead.

We had a picnic lunch at the Hungarian National Park offices and then drove eastwards, just to the south of the border, heading towards Kiraly Lake, which we reached on foot through amazing wet woodland. As we began our walk, Bee-eaters from a nearby colony were feeding over a large open field and later perched up in a dead tree. A Turtle Dove and, better still, a male Collared Flycatcher were also perched obligingly at the tops of bare trees, but a singing Marsh Warbler was only seen in flight. River, Icterine and Willow Warblers were also singing, but a Penduline Tit provided us with some excellent views. Jenny glimpsed a Red Fox on the track ahead as we approached the viewing platform. We climbed up to view the lake, only to find that the open water of the lake has diminished greatly in size over the years and only a Moorhen was visible. However, a Savi's Warbler sang from dead branches above the extensive reed-swamp, briefly giving good views, and a Black Woodpecker called in the distance. Dave glimpsed a Golden Oriole in flight, which then taunted us by singing, but refusing to show again. All too soon it was time to retrace our steps and return to Austria.

## Day 7 Tuesday 15th May

Sonja had warned us that three successive saints' days in mid-May were the signal for bad weather, so we should not have been surprised when we rose to a cool, wet morning with a brisk wind – conditions which unfortunately lasted all day. After breakfast we drove to a bathing lake (which was strangely devoid of bathers!) to look for Long-eared Owls that nest in the scattered trees around the lake. We took advice as to which willow tree to check and located two rather damp adults looking down inquisitively at us. They survive in such sparsely

wooded landscapes because more-aggressive Tawny Owls prefer denser woodland, and here the Long-eareds are provided with a range of 'nestboxes' in the form of waste paper baskets and old plastic oil drums placed in some of the trees.

Continuing on to Illmitz, we made for the National Park Information Centre, and then braved the weather for a walk to lunch. We passed the desiccated soda-mud edges of Zicklacke, where a few Wood Sandpipers and Ruff grabbed our attention briefly. Military and Loose-flowered Orchids were found amongst other interesting plants on the roadside. Our ultimate destination, though, was a small farm, where we were provided with a tasty lunch of locally produced meats, cheeses, wine and grape juice. After eating our fill, we went to meet the woolly Mangalitza pigs. With their dark, curly hair (for protection against the summer sun and winter cold), these pigs not only tasted good, but they looked great (if a little wet and muddy)!

After walking back to the Park HQ, we returned to Wallern with the intention of collecting Bruce, who had been resting a swollen leg, and having a second look at the Great Bustards. In the event, the inclement weather and desires to get our things dry ready for packing next day prompted a unanimous decision to opt for refreshments in the hotel.

#### Day 8

#### Wednesday 16th May

A last look at the reedbeds fringing Lake Neusiedl before a late breakfast was very productive, with first a singing Icterine Warbler and then sightings of two male Little Bitterns, first chasing in flight and then one in the reed fringe. A female Pied Flycatcher and a singing Wood Warbler were nice migrant finds in the scattered trees, while three Common Sandpipers sat on a wooden pier on the edge of the lake, all three species new for our list. As we returned to the minibus, one of several Cuckoos that had been very conspicuous sat very obligingly in a willow, giving us first-class scope views.

We left for Vienna airport before midday, arriving in good time. We said farewell to Caroline and Elizabeth, who were spending time in Vienna, and made our way to check-in. Afterwards, we made our way to a café for coffee and light bite, then on to board the mid-afternoon flight back to Heathrow. After landing, we said goodbye to Bruce and Elizabeth, anticipating a longer passage through immigration for them, collected our baggage and made our ways home.

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# **Species Lists**

Birds ( $\checkmark$  = recorded but not counted; H = heard only)

						Ма	у			
	Common name	Scientific name	9	10	11	12	13	14	15	16
1	Great Crested Grebe	Podiceps cristatus	✓	✓		✓		✓	<b>✓</b>	✓
2	Little Grebe	Tachybaptus ruficollis	Н							
3	Great Cormorant	Phalacrocorax carbo	✓		<b>✓</b>			✓		
4	Pygmy Cormorant	Microcarbo pygmeus	✓		15					2
5	Little Bittern	Ixobrychus minutus								2
6	Great Egret	Ardea alba			<b>✓</b>	✓		✓	✓	✓
7	Grey Heron	Ardea cinerea		✓	<b>✓</b>	✓	✓	✓	✓	
8	Purple Heron	Ardea purpurea			✓	✓				✓
9	Black-crowned Night Heron	Nycticorax nycticorax	1							
10	Eurasian Spoonbill	Platalea leucorodia	3		1			12		
11	White Stork	Ciconia ciconia	✓	✓	✓	✓	✓	✓	✓	✓
12	Glossy Ibis	Plegadis falcinellus						2		
13	Mute Swan	Cygnus olor	✓	✓	✓	✓		✓	<b>✓</b>	✓
14	Greylag Goose	Anser anser	✓	✓	✓	✓		✓	✓	✓
15	Shelduck	Tadorna tadorna		✓	✓			✓		✓
16	Mallard	Anas platyrhynchos		<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	✓	<b>✓</b>	✓
17	Gadwall	Mareca strepera	2	20	2			<b>✓</b>		
18	Wigeon	Mareca penelope		1				2		
19	Shoveler	Spatula clypeata		8		1		6	1	
20	Teal	Anas crecca			2			2		
21	Garganey	Spatula querquedula		1	5	2		5		
22	Red-crested Pochard	Netta rufina	100	50	25	100		100		<b>✓</b>
23	Pochard	Aythya ferina	✓	<b>✓</b>		✓		✓	<b>✓</b>	
24	Tufted Duck	Aythya fuligula	6							
25	Ferruginous Duck	Aythya nyroca		7						
26	White-tailed Eagle	Haliaeetus albicilla		1				1		
27	Western Marsh Harrier	Circus aeruginosus	✓	<b>✓</b>	<b>✓</b>	✓	✓	✓		<b>✓</b>
28	Montagu's Harrier	Circus pygargus		3						
29	Red Kite	Milvus milvus					1			
30	Black Kite	Milvus migrans			1					
31	Eastern Imperial Eagle	Aquila heliaca		1			3			
32	Common Buzzard	Buteo buteo		<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	
33	Saker Falcon	Falco cherrug					1			
34	Red-footed Falcon	Falco vespertinus			4					
35	Common Kestrel	Falco tinnunculus	✓	<b>✓</b>						
36	Common Pheasant	Phasianus colchicus	4	<b>✓</b>	<b>✓</b>	✓		✓	1	3
37	Common Quail	Coturnix coturnix		Н						
38	Common Moorhen	Gallinula chloropus						2		
39	Eurasian Coot	Fulica atra	✓		<b>✓</b>	<b>✓</b>				<b>✓</b>
40	Great Bustard	Otis tarda		5						
41	Black-winged Stilt	Himantopus himantopus		<b>✓</b>	<b>1</b>			<b>✓</b>	1	
42	Pied Avocet	Recurvirostra avosetta	2	100	20			30	<b>✓</b>	<b>✓</b>
43	Common Ringed Plover	Charadrius hiaticula			1					
44	Little Ringed Plover	Charadrius dubius		4	✓	2			1	
45	Northern Lapwing	Vanellus vanellus	<b>✓</b>	25	30		1	<b>√</b>	· /	
46	Dunlin	Calidris alpina			40		<u> </u>	30		$\vdash$
47	Curlew Sandpiper	Calidris ferruginea			-			2		<del>                                     </del>

						Ма	у			
	Common name	Scientific name	9	10	11	12	13	14	15	16
48	Little Stint	Calidris minuta			1					
49	Temminck's Stint	Calidris temminckii			1					
50	Ruff	Philomachus pugnax		20	50			4	6	
51	Black-tailed Godwit	Limosa limosa		✓	✓			3	2	
52	Eurasian Curlew	Numenius arquata		1	2	2				
53	Common Redshank	Tringa totanus	✓	25	50	✓		✓	<b>✓</b>	✓
54	Spotted Redshank	Tringa erythropus			1					
55	Wood Sandpiper	Tringa glareola			15			3	3	
56	Common Sandpiper	Actitis hypoleucos								3
57	Black-headed Gull	Chroicocephalus ridibundus	✓	✓	<b>✓</b>	✓	✓	✓	✓	✓
58	Little Gull	Hydrocoloeus minutus		24	15			20		
59	Mediterranean Gull	Ichthyaetus melanocephalus		6		2			1	
60	Yellow-legged Gull	Larus cachinnans	✓	<b>✓</b>	<b>✓</b>	✓		✓	<b>√</b>	<b>√</b>
61	Common Tern	Sterna hirundo		1		2		✓	1	1
62	Black Tern	Chlidonias niger			30			1		
63	White-winged Tern	Chlidonias leucopterus						4		
64	Whiskered Tern	Chlidonias hybridus			1	4		· /		
65	Rock Dove/Feral Pigeon	Columba livia			· ·	· ·	<b>✓</b>	<b>✓</b>		
66	Common Wood Pigeon	Columba palumbus	<b>-</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>√</b>	<b>✓</b>	<b>✓</b>	1
67	Eurasian Collared Dove	Streptopelia decaocto	· ·	· ·	· ·	· ·	· ·	· ✓	·	· ·
68	European Turtle Dove	Streptopelia turtur		5	· /	Н	Н	✓	Н	1
69	Common Cuckoo	Cuculus canorus		2	2	4	- '' H	<b>√</b>	Н.	2
70	Long-eared Owl	Asio otus				7	11	•	2	
71	Common Swift						10			
72		Apus apus			3		10	Н		
73	Eurasian Hoopoe	Upupa epops		1	3	100	1	 25		
74	European Bee-eater	Merops apiaster  Alcedo atthis		'		100	1	20		
	Common Kingfisher									
75	Green Woodpecker	Picus viridis		4	4		Н			
76	Syrian Woodpecker	Dendrocopos syriacus		1	1	Н	1	<b>✓</b>		
77	Great Spotted Woodpecker	Dendrocopos major					2			
78	Black Woodpecker	Dryocopus martius						1		
79	Eurasian Skylark	Alauda arvensis		✓	<b>✓</b>	<b>√</b>	✓	✓	1	
80	Crested Lark	Galerida cristata	1			1	_			
81	Sand Martin	Riparia riparia			4		2			
82	Common House Martin	Delichon urbica	<b>√</b>	<b>✓</b>	✓	✓	✓	✓	✓	<b>√</b>
83	Barn Swallow	Hirundo rustica	<b>√</b>	<b>✓</b>	<b>✓</b>	✓	✓	✓	<b>✓</b>	<b>✓</b>
84	White Wagtail	Motacilla alba	✓	<b>✓</b>	<b>✓</b>	✓	✓	✓	<b>✓</b>	<b>✓</b>
85	Blue-headed Yellow Wagtail	Motacilla flava flava	Н	✓	<b>✓</b>	✓	Н	✓	1	
	Grey-headed Yellow Wagtail	Motacilla flava thunbergi			2					
86	Eurasian Wren	Troglodytes troglodytes					Н			
87	Common Nightingale	Luscinia megarhynchos		Н	Н	Н	Н	Н	Н	
88	Black Redstart	Phoenicurus ochruros		2	3	Н	2	1		1
89	European Stonechat	Saxicola torquata		4		1		2		
90	Whinchat	Saxicola rubetra	1			1				
91	Common Blackbird	Turdus merula	1	✓	✓	✓	✓	✓	✓	✓
92	Song Thrush	Turdus philomelos		2	2	Н	✓	✓	Н	
93	Savi's Warbler	Locustella luscinioides	Н	1	Н	Н		1		Н
94	River Warbler	Locustella fluviatilis					Н	Н		
95	Eurasian Reed Warbler	Acrocephalus scirpaceus	Н					Н		Н
96	Marsh Warbler	Acrocephalus palustris					Н			
97	Great Reed Warbler	Acrocephalus arundinaceus	1	Н	Н	Н		<b>√</b>		<b>✓</b>

						Ма	ıy			
	Common name	Scientific name	9	10	11	12	13	14	15	16
98	Sedge Warbler	Acrocephalus schoenobaenus	1	<b>✓</b>	✓	1		✓		<b>✓</b>
99	Icterine Warbler	Hippolais icternia			2		Н	Н	Н	2
100	Lesser Whitethroat	Sylvia curruca			Н					Н
101	Common Whitethroat	Sylvia communis					✓	2		
102	Barred Warbler	Sylvia nisoria	1		1					
103	Eurasian Blackcap	Sylvia atricapilla		Н	3	Н	✓	Н	Н	
104	Wood Warbler	Phylloscopus sibilatrix								1
105	Willow Warbler	Phylloscopus trochilus						✓		
106	Common Chiffchaff	Phylloscopus collybita					1	✓		
107	Pied Flycatcher	Ficedula hypoleuca								1
108	Collared Flycatcher	Ficedula albicollis					1	1		
109	Spotted Flycatcher	Muscicapa striata				3		1	1	1
110	Bearded Reedling (Tit)	Panurus biarmicus	Н		3					Н
111	Eurasian Penduline Tit	Remiz pendulinus						1		
112	Great Tit	Parus major	Н	Н	<b>✓</b>	Н	<b>✓</b>	<b>✓</b>		
113	Eurasian Blue Tit	Cyanistes caeruleus					<b>✓</b>			
114	Short-toed Treecreeper	Certhia brachydactyla					2			
115	Red-backed Shrike	Lanius collurio	1	2	8			5	1	1
116	Eurasian Magpie	Pica pica				1	1			
117	Western Jackdaw	Corvus monedula	1		1	<b>✓</b>			<b>✓</b>	
118	Rook	Corvus frugilegus		<b>✓</b>	✓	<b>√</b>	<b>✓</b>	✓	<b>✓</b>	1
119	Hooded Crow	Corvus cornix	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>
120	Common Starling	Sturnus vulgaris	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	<b>✓</b>
121	Golden Oriole	Oriolus oriolus		1	Н	1	3	2	Н	1
122	House Sparrow	Passer domesticus	✓	<b>✓</b>	✓	✓	✓	✓	<b>✓</b>	✓
123	Tree Sparrow	Passer montanus	✓	<b>✓</b>	✓	✓	✓	✓	<b>✓</b>	✓
124	Common Chaffinch	Fringilla coelebs		2	1	1	✓	✓		
125	Common Linnet	Linaria cannabina	✓	<b>✓</b>	✓			✓		
126	European Goldfinch	Carduelis carduelis	1		<b>✓</b>	2	✓	✓		
127	European Greenfinch	Chloris chloris	1		Н			2		
128	European Serin	Serinus serinus	2	Н	<b>✓</b>	1	Н			Н
129	Reed Bunting	Emberiza schoeniclus		2	1				2	
130	Yellowhammer	Emberiza citrinella					Н	2		
131	Corn Bunting	Emberiza calandra		2				2		

## Mammals (D = dead)

1	Common Mole	Talpa europaea						D		
2	European Roe Deer	Capreolus capreolus		✓	✓	✓	✓	✓		
3	European Souslik	Spermophilus citellus					20			
4	European (Brown) Hare	Lepus europaeus	✓	✓	✓	✓	✓	✓	✓	✓
5	European Rabbit	Oryctolagus cuniculus		1						
6	Red Fox	Vulpes vulpes						1		

# Herptiles (H = heard; D = dead)

1	Fire-bellied Toad	Bombina bombina	Н		2				Н
2	Green Toad	Bufo viridis					Н		
3	Water frog sp.	Rana sp.		1		✓			
4	Eastern Green Lizard	Lacerta viridis					1		
5	Lizard sp.					1			
6	Grass Snake	Natrix natrix			D		1	D	

						Ma	y			
	Common name	Scientific name	9	10	11	12	13	14	15	16

# Butterflies & Moths (L = larvae)

1	Scarce Swallowtail	Iphiclides podalirius					2		Τ
2	Small White	Pieris rapae				1	1		
3	Green-veined White	Pieris napi					1		
4	Eastern Bath White	Pontia edusa				2			
5	Orange Tip	Anthocharis cardamines		1					
6	Clouded Yellow	Colias crocea							
7	Pale or Berger's Clouded Yellow	Colias hylae/alfacariensis		1		5	1		
8	Brimstone	Gonepteryx rhamni					1		
9	Black Hairstreak	Satyrium pruni					10		
10	Small Copper	Lycaena phlaeas					1		
11	Sooty Copper	Lycaena tityrus					2		
12	Common Blue	Polyommatus icarus	1	✓	✓	✓	<b>✓</b>		
13	Silver-studded (or Idas) Blue	Plebejus argus/idas		100			30		
14	Peacock	Inachis io			1				
15	Red Admiral	Vanessa atalanta						1	
16	Painted Lady	Vanessa cardui		1					
17	Lesser Purple Emperor	Apatura ilia					1		
18	Glanville Fritillary	Melitaea cinxia		50					
19	Knapweed Fritillary	Melitaea phoebe		2					
20	Spotted Fritillary	Melitaea didyma		1		4			
21	Small Heath	Coenonympha pamphilus	✓	✓		✓	✓	✓	
22	Meadow Brown	Maniola jurtina						1	
23	Wall Brown	Lasiommata megera			3	✓	✓		
24	Grizzled(-type) Skipper	Erynnis (tages)		50					
25	Black-veined Moth	Siona lineata		50		10			
26	Burnet Companion	Euclida glyphica		1					
27	Six-spot Burnet	Zygaena filipendulae				1			
28	Ermine moth sp.	Yponomeuta sp.				L			

## Dragonflies

1	Banded Demoiselle	Calopteryx splendens						12	
2	Azure Bluet	Coenagrion puella					10		
3	Variable Bluet	Coenagrion pulchellum						2	
4	Common Bluetail	Ischnura elegans				1	1	4	
5	Red-eyed Damselfly	Erythromma najas					8		
6	Green-eyed Hawker	Aeshna isoceles				3	1		
7	Blue Emperor	Anax imperator				1	2		
8	Lesser Emperor	Anax parthenope			1	1			
9	Hairy Hawker	Brachytron pratense				1	4		
10	Downy Emerald	Cordulia aenea					7		
11	Eurasian Baskettail	Epitheca bimaculata					4		
12	Blue Chaser	Libellula fulva			5	10		1	
13	Broad-bodied Chaser	Libellula depressa					12		
14	Four-spotted Chaser	Libellula quadrimaculata	1			1	5		
15	Black-tailed Skimmer	Orthetrum cancellatum	✓	✓	<b>✓</b>	<b>✓</b>	<b>✓</b>	✓	
16	Broad Scarlet	Crocothemis erythraea				1			

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Common name	Scientific name	9	10	11	12	13	14	15	16

## Other Invertebrates (H = heard only)

1	Field Cricket	Gryllus campestris	Н	Н	Н	Н		Н		
2	Red & Black Froghopper	Cercopis vulnerata		✓	✓	✓				
3	Minstrel Bug	Graphosoma lineatum			2			✓		
4	Hornet	Vespa crabro					2			
5	Violet Carpenter Bee	Xylocopa violacea				1	1			
6	Rose Chafer	Cetonia aurata						2		
7	'Little spotted chafer beetle'	Oxythrea funesta		✓		✓	1			
8	Tiger beetle sp.	Cicindelinae		1		1				
9	Oil beetle sp.	Meloe spp.				✓				
10	Roman Snail	Helix pomatia							2	

# Higher Plants

1	Austrian Flax	Linum austriacum			<b>✓</b>	<b>✓</b>	<b>✓</b>			
2	Birthwort	Aristochlea clematitis			'		1	<b>✓</b>		
3	Black Bog-rush	Schoenus nigricans			<b>✓</b>		'		<b>✓</b>	
4	Bladder Campion	Silene vulgaris			'	<b>✓</b>				
5	Burdock sp.	Arctium sp.					1			
6	Carthusian Pink	Dianthus carthusianorum	<b>/</b>		<b>/</b>	<b>/</b>	1		<b>1</b>	
7	Celery-leaved Buttercup	Ranunculus sceleratus						<b>✓</b>		
8	Comfrey sp.	Symphytum sp.					<b>✓</b>	<b>✓</b>		
9	Cornflower	Centaurea cyanus					<b>/</b>			
10	Clustered Bellflower	Campanula clomerata				<b>✓</b>				
11	Crosswort	Cruciata laevipes				<b>✓</b>				
12	Cypress Spurge	Euphorbia cyperisias	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>				
13	Dragon's Teeth	Tetragonolobus maritimus	<b>✓</b>	<b>✓</b>	<b>/</b>	<b>✓</b>			<b>/</b>	/
14	Dropwort	Filipendula vulgaris		<b>✓</b>						
15	Dyer's Greenweed	Genista tinctoria		<b>✓</b>						
16	Early Spider Orchid	Ophrys sphegodes	<b>✓</b>	<b>✓</b>						
17	Elder	Sambucus nigra	<b>✓</b>	1	<b>✓</b>	<b>√</b>	1	<b>√</b>	<b>✓</b>	
18	Field Dodder	Cuscuta campestris		<b>✓</b>		<b>√</b>				
19	Field Eryngo	Eryngium campestre		1		<b>✓</b>	<b>✓</b>			
20	False Acacia	Robinia pseudoacacia		<b>✓</b>	<b>✓</b>	<b>✓</b>				<b>✓</b>
21	Field Scabious	Knautia arvensis		<b>✓</b>	<b>✓</b>	<b>✓</b>			<b>✓</b>	
22	Flax sp.	Linum sp.	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>			<b>✓</b>	
23	A grape hyacinth	Muscari tenuiflorum					<b>✓</b>			
24	Goat's-beard	Tragopogon pratensis				<b>✓</b>				
25	Greater Bladderwort	Utricularia australis/vulgaris						<b>√</b>		
26	Greater Celandine	Chelidonium majus		<b>✓</b>			<b>✓</b>			
27	Greater Pond Sedge	Carex riparia	<b>✓</b>		<b>✓</b>		<b>✓</b>			
28	Green-winged Orchid	Anacamptis morio	✓	✓						
29	Guelder Rose	Viburnum opulus	<b>✓</b>	<b>✓</b>	<b>✓</b>					
30	Hoary Cress	Lepidium draba		<b>✓</b>	<b>✓</b>	✓				
31	Honeywort	Cerinthe minor			<b>✓</b>	✓	<b>✓</b>			
32	Hop Trefoil	Trifolium campestre	<b>✓</b>	<b>✓</b>		<b>✓</b>	<b>✓</b>	<b>√</b>		
33	Hound's-tongue	Cynoglossum officinale		✓	✓	✓	✓			
34	Kidney Vetch	Anthyllis vulnereria		<b>✓</b>	<b>✓</b>				✓	
35	Lady's Bedstraw	Galium verum		<b>✓</b>	<b>✓</b>	✓	<b>✓</b>	<b>√</b>	✓	
36	Large White Helleborine	Cephalanthera damasomium		<b>✓</b>						
37	Larkspur	Consolida sp.				✓	✓	✓		

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38	Lax/Loose-flowered Orchid	Anacamptis laxiflora	<b>✓</b>		✓	✓			✓	
39	Meadow Clary	Salvia pratensis	<b>✓</b>	✓	✓	✓				
40	Meadow rue sp.	Thalictrum sp.		✓						
41	Military Orchid	Orchis militaris	<b>✓</b>						✓	
42	A milk-vetch sp.	Astragalus sp.		✓						
43	Musk Thistle	Carduus nutans		✓	✓	✓				
44	Oleaster (Russian Olive)	Eleagnus angustifolia	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>		✓	✓	✓
45	Ox-eye Daisy	Leucanthemum vulgare		<b>✓</b>	<b>✓</b>	<b>✓</b>				
46	Ragged-Robin	Silene (Lychnis) flos-cuculi					✓	✓		
47	Sainfoin	Onobrychis arenaria				<b>✓</b>				
48	Shrubby Cinquefoil	Dasiphora fruticosa				<b>✓</b>	✓			
49	Siberian Blue Iris	Iris sibirica				<b>✓</b>				
50	Silverweed	Potentilla anserina			<b>✓</b>				<b>✓</b>	
51	Solitary (or Bush) Clematis	Clematis integrifolia					✓			
52	Spindle	Euonymus europaeus					✓			
53	Strawberry sp.	Fragaria sp.		<b>✓</b>			<b>✓</b>			
54	Summer Snowflake	Leucojum aestivum					✓			
55	Wild Garlic (Ramsons)	Allium ursinum					<b>✓</b>			
56	Wild Teasel	Dipsacus fullonum						<b>✓</b>		
57	Wild Thyme	Thymus praecox		<b>✓</b>	<b>✓</b>	<b>✓</b>				
58	A yellow rattle	Rhinanthus borbasii		<b>√</b>	<b>✓</b>	<b>✓</b>			<b>✓</b>	