

Austria's Steppes & Wetlands

Naturetrek Tour Report

3 -10 May 2012



Great Bustard



The group at Andau Bridge



European Souslik



Four-spotted Chasers roosting in reeds at Lake Neusiedl

Report and images compiled by Dave Smallshire



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Summary:

This single-based tour of Burgenland and adjacent parts of Hungary yielded 139 bird species, 24 butterflies and 19 dragonflies, together with a wide range of other interesting animals (such as Sousel and Fire-bellied Toad) and plants. Although many lakes were clearly suffering from drought, the group succeeded in finding all the key birds of the area, including Pygmy Cormorant, Ferruginous Duck, White-tailed and Imperial Eagles, Saker, Great Bustard, many passage and breeding waders, Black, Syrian and Middle Spotted Woodpeckers, Savi's, Icterine and Barred Warblers, Collared Flycatcher and Penduline and Bearded Tits.

Day 1

Thursday 3rd May

Vienna to Illmitz

Warm with northerly breeze; one brief shower; max c.20°C

After a slightly late departure from Heathrow Terminal 3, we arrived at Vienna airport at 13:30 and soon located Jane at arrivals. Dave collected the minibus and we were soon on our way to our base for the week in the quiet little town of Illmitz, at the heart of the Neusiedler See - Seewinkel National Park. After checking in at the comfortable family-run Hotel Johannes Zeche, we went out to the nearby Zick Lacke soda lake. Drought had clearly been having an affect on the soda lakes, all of which had low water levels. Zick Lacke was nearly dry! The wet mud that normally holds an abundance of water birds supported distant Shelducks, Wood Sandpipers and Ruff (many in breeding plumage), while a Grey Plover was closer. However, our attention was diverted by a Barred Warbler singing close by, sometimes in flight, but it gave only tantalising glimpses in the bushes. The grassland at our feet contained Green-winged, Early Spider and Military Orchids, plus a Grizzled Skipper.

Moving on to look at the reedbed fringing Lake Neusiedl, we saw our first Pygmy Cormorant, Red-crested Pochards and Marsh Harrier, while the grating songs of Reed, Great Reed and Sedge Warblers and the reeling song of a Savi's Warbler emanated from the reeds. A Little Ringed Plover was breeding in the car park, where a Whinchat was feeding, but the most amazing sight was of thousands of Four-spotted Chasers roosting in the reeds – honorary 'bird of the day' for the leader, at least!

Day 2

Friday 4th May

Illmitz: Sandeck, National Park Visitor Centre & Biological Station

Thunder and then rain in morning; dry afternoon with late sun; 15-20° C

Six month's of virtual drought ended this morning: we rose early to steady rain. Not the best conditions for a breakfast picnic! Due to a misunderstanding over pick-up place, our horse and carriage transport was late in arriving. Our journey along tracks to the edge of Lake Neusiedl's reedbed was interrupted by occasional stops to see birds, but visibility was hampered somewhat and we ate most of our picnic en route. Tea and coffee were eagerly sought when we arrived at our drop-off point: the Sandeck Tower – an old Hungarian observation point which gives a panoramic view over the marshes. We sheltered under the building used to house perhaps 20% of the total world stock of attractive blue-eyed White Donkeys, a local breed, which we later found sheltering under trees nearby. Scanning across the open water and reedbeds from our vantage point, we found Pygmy Cormorants and Marsh Harriers flying over the reeds and hordes of Red-crested Pochards, Avocets, Black-winged Stilts and Spotted Redshanks, together with large numbers of Ruff and Wood Sandpipers. A Hoopoe joined us briefly and a Fox walked brazenly past all the wildfowl and waders, no doubt deciding what to have for breakfast.

With rain falling steadily, there was no alternative but to walk promptly back to Illmitz, where we changed into dry clothes and had lunch before driving the short distance to the National Park's Information Centre. Here we were given an informative talk by Alois Lang – a good introduction to the geographical, biological and human factors of the area that make it so special. After taking Andrea and Mary back to the hotel, the rest of us strolled around a small pool and woodland at the nearby Biological Research Station, where we were greeted by a Pied Flycatcher. A basking Grass Snake provided us with close views, damselflies – including Common Winter Damsel – flitted around the vegetation, a Fire-bellied Toad called, an Agile Frog leapt agilely across the grass and a Penduline Tit gave good views while it fed on reed heads. A Red-backed Shrike perched on wires and both Wood Warbler and Golden Oriole sang in the wood, though views of the latter were mainly in flight.

Day 3

Saturday 5th May

Lange Lacke & Hansag

Sunny with fresh SW wind; max c25° C

Today we had a more conventional breakfast and left at 8:30 for Lange Lacke, the largest of the Seewinkel lakes. The path we walked took us through colourful meadows rich in orchids and other wildflowers, which in turn provided nectar for insects such as Glanville Fritillary. Blue-headed Wagtails, Stonechats and Sedge Warblers entertained us around the lake fringes, while the shallow water of the lake itself held lots of Avocets and Black-tailed Godwits. Out over the lake a dozen Black Terns and two Whiskered Terns flew through, while smart Mediterranean Gulls fed over a nearby field. Most exciting, however, was a White-tailed Eagle that circled for a while.

We monopolised an 8-seater picnic table for our delicious picnic lunch, before setting off for the Hungarian borderlands on the Andau Plain. A first stop on the Plain gave views of a pair of Montagu's Harriers and a Curlew, both local breeding species.

Looking from an observation platform overlooking the large, lush fields of a nature reserve, we soon found our target bird: Great Bustard – eventually finding eight males. Several were seen displaying, including one that provided good telescope views as it progressed into the full ‘foam bath’ state, where it is quite unrecognisable as a bird! Our second White-tailed Eagle of the day flew over, giving us rather better views than the first.

Then we moved on a short distance to the Einserskanal, and crossed the border over the wooden Andau Bridge that was used in the mid-1950s by 70,000 Hungarians fleeing the Hungarian Revolution. A swarm of bees flew over, thankfully giving us a wide berth. Walking along the Hungarian bank, we found several Map butterflies, showing well the intricate first-generation markings, and Scarce Chaser dragonflies, while a Honey Buzzard thermalled up high in the sky. Returning to the reserve area, we saw nine male Bustards in majestic flight. Stopping to view them, we found Fire-bellied Toads calling in a reedy ditch.

Day 4

Sunday 6th May

Gols & Hackelsberg

Cloudy until mid-morning, then sunny with fresh SW wind; max c.22° C

The leader and David had a pre-breakfast excursion to the edge of Lake Neusiedl near Apetlon, where a cold war tower similar to the one at Sandeck sits overlooking the distant reedbeds. A Crested Lark on the fringe of the town was the only sighting during the week, as was a Bittern flying over the reedbed later (another was booming).

After breakfast we visited the wet meadows at Zitzmannsdorfer, near Gols. As the cloud cleared we watched two pairs of Montagu's Harriers hunting and interacting, a Curlew and Black-tailed Godwits that rose noisily with Lapwings and Redshanks to drive off passing Hooded Crows. A single Black Tern was seen and, in reeds near the track, a Grasshopper Warbler gave us relatively good views. Corn Buntings sang in the cultivated areas near the main road.

We lunched in Gols, topping it off with some delicious cakes! Suitably refreshed, we drove a short distance to see Bee-eaters at their breeding site: a small sand quarry. About 15 birds were present, giving us good views as they perched on bare branches or kicked sand out of their nesting burrows. Jackdaws and Starlings were also watched entering nest holes. Two Syrian Woodpeckers were seen nearby, while a Raven overhead was unusual.

We spent the remainder of the afternoon at the Hacklesberg, looking at mainly at flowers in the hilltop grassland. At the top was Small Pasque Flower, with its beautiful, feathery seed heads, Illyrian Buttercup, Feather Grass, Alpine Clover and several other flowers that we puzzled over. A Chestnut Heath perched on flower heads. From here, we had spectacular views to the south over Lake Neusiedl. Overhead, a Hobby appeared, while Barred Warbler and Red-backed Shrike inhabited bushes lower down and a Grey Partridge called noisily from a vineyard.

After dinner, we looked and listened along the causeway through the Neusiedl reedbeds. We saw a Savi's Warbler singing from the reed tops, while Fire-bellied Toads and Tree and Marsh frogs called loudly nearby. As darkness gathered, Common Pipistrelles flew around, their identity confirmed by Dave's bat detector.

Day 5

Monday 7th May

Parndorfer & Marchegg

Cloudy with light drizzle at first, but sunny from mid-morning; max 20° C

Today we headed north, spending part of the morning on the relatively high ground of the Parndorfer Platte. On the way, we stopped to see if we could see a Sauslik at a site that used to have them. No luck, but a Sanderling fed along the shoreline of the adjacent lake. On reaching our Parndorfer viewpoint, we scanned over the huge arable fields and eventually found our two targets, albeit at a distance: Eastern Imperial Eagle and a Saker. We had much better views, however, of both Whitethroat and Lesser Whitethroat in the bushes.

We had our picnic lunch in woodland next to the River Danube, glimpsing Collared and Spotted Flycatchers high in the trees. After a splendid lunch in the shade of large trees, we looked for dragonflies at a nearby oxbow lake, finding White-legged Damselfly, Common Clubtail, Downy Emerald, Eurasian Baskettail and Broad-bodied Chaser.

Our afternoon destination was the WWF Marchegg Reserve, which lies alongside the Slovakian border in the floodplain of the River March (Morava). We walked a circuit beside oxbow lakes and through the ancient riparian woodland, which was adorned with Summer Snowflake flowers. A Black Kite flew over and several Scarce Swallowtails were seen. At the lakes we saw Collared Flycatcher, Middle and Lesser Spotted Woodpeckers, Pond Terrapin and a large felled tree with Beaver teeth marks. In a scrubby area we saw an Icterine Warbler singing. Although we had seen White Storks frequently in the Seewinkel, here we watched their comings and goings at a tree-nesting colony from a viewing platform.

Day 6

Tuesday 8th May

Fertoujlak & Kiraly, Hungary

Sunny; breezy in the morning; max c.23° C

Today we headed south of the border, into Hungary. We first noticed the immediate deterioration in road quality, and later that less attention was given to the Austrian obsession with tidiness, which in the countryside ironically meant more habitats for wildlife! In dry grassland next to the road near Fertoujlak (Mekszikopuszta) we found about 20 Sausliks standing up proud of the sward – very cute, but with the annoying habit of ducking down just as camera shutters were pressed. One Sauslik even crossed to road – perhaps the grass was greener on the other side!

The nearby wetlands held four close Spoonbills, Garganey and Pochard among the numerous Red-crested Pochards, hundreds of Ruff, Little Gulls and Black, White-winged Black and Whiskered Terns. A White-tailed Eagle thermalled into the sky, perhaps the same bird that was seen later perched in a distant tree. At the Einserskanal sluice, which controls the water level in Lake Neusiedl, we were astonished to see two pairs of Little Bitterns apparently tussling over feeding (or maybe breeding) territories; later one of the females was seen perched in reeds opposite a viewing platform. We had excellent views of a Cuckoo beside the canal and a Ferruginous Duck zoomed past us quickly. Day-flying moths included the intricately-patterned Mother Shipton and a beautiful – but unidentified – pink and orange species.

In a neighbouring field, a herd of the traditional 'blue' Hungarian Longhorn cattle posed for photographs, while a group of migrant Grey-headed Wagtails fed nearby. Stopping for the loos at the National Park offices, we were barked at loudly by two huge Komondor dogs: these were labelled, very scientifically, as *Canis familiaris pastoralis villosus Hungaricus* – now that's taking taxonomy a bit too far! Moving into the depths of the Hansag, we picnicked to the sound of a Wryneck and were visited by a Short-toed Treecreeper investigating a wooden shelter.

After lunch we walked to Kiraly Lake through wet woodland where Collared Flycatchers (one pair at a nest hole) and Garden and Willow Warblers were singing and saw Middle Spotted Woodpecker and Penduline Tit. Butterflies along the way included Swallowtail, Map and Queen of Spain Fritillary. We climbed up the observation platform overlooking the reedy lake. There were few birds to be found in the afternoon heat, though a Savi's Warbler was singing. Just as we were about to leave, strange calls led to David finding a Black Woodpecker – a nice end to an exciting day.

Day 7

Wednesday 9th May

Illmitz area

Sunny with S breeze; max >25° C

After breakfast we drove to the southern edge of Illmitz and walked out through vineyards and grassland to a large hide on the edge of Lake Neusiedl's reedbed. On the way we saw a Sparrowhawk with its kill, Honey Buzzard, Barred Warbler, Red-backed Shrikes, Black-tailed Skimmers and several Glanville Fritillaries. From the hide we could make out lots of waterfowl, including Spoonbills, two Wigeon and our first flock of Dunlin.

After driving to the Visitor Centre, we walked to Alois Kroiss' farm, seeing two families of Kentish Plovers in the desiccated soda-mud edges of Zick Lacke and good views of Black-tailed Godwits on the way. Alois greeted us with a lovely lunch of locally produced meat, cheese and wine in the shade of one of his farm buildings. We were joined by two of the National Park's officers, who helped to answer queries that had built up during the week. After eating our fill, we went to meet the 'stars of the show': his woolly pigs! With their dark, curly hair (for protection against the summer sun and winter cold), these Mangalitza pigs not only tasted good, but they looked great (if a little muddy).

So what could possibly upstage the woolly pigs? Well, maybe the Long-eared Owls that we went to see next. We finally located an adult with at least two young in an old crow's nest, all blowing around in the breeze. With a little time to spare before dinner, we returned again to the reedbed causeway, where a Bittern was booming and three Ferruginous Ducks played hide and seek among the reeds. A Penduline Tit gave us excellent views

Having dined at the hotel each evening until now, tonight we walked the short distance to a traditional Hungarian restaurant, Pusztascheune, housed in a large thatched barn where the local cattle used to be put to the bulls! It was an impressive building and we were entertained with sessions of gypsy music.

Day 8

Thursday 10th May

Illmitz to London

Sunny with light breeze; max >25° C

We assembled at 07:00 this morning for a last look at the reed beds. First we checked from a hide, adding Teal to our list, but little else of note. Along the causeway to the edge of Lake Neusiedl we again heard Bittern and saw Ferruginous Ducks, while in trees by the Lake was a singing Wood Warbler. Almost at the last minute, two juvenile Bearded Tits showed themselves, increasing our bird total to a creditable 139 species.

We returned for a late breakfast, finished packing and loaded the minibus. We arrived at Vienna airport in time for a leisurely lunch and the final log-call before our flight back to Heathrow. We bade farewells and parted company with fond memories of a great week.

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Species Lists

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

	Common name	Scientific name	May							
			3	4	5	6	7	8	9	10
1	Great Crested Grebe	<i>Podiceps cristatus</i>	✓			✓			✓	✓
2	Little Grebe	<i>Tachybaptus ruficollis</i>							✓	H
3	Cormorant	<i>Phalacrocorax carbo</i>		✓		✓		✓	✓	✓
4	Pygmy Cormorant	<i>Phalacrocorax pygmeus</i>	✓	✓		✓		✓	✓	✓
5	Bittern	<i>Botaurus stellaris</i>				H			H	H
6	Little Bittern	<i>Ixobrychus minutus</i>						✓		
7	Great White Egret	<i>Casmerodius alba</i>	✓	✓		✓	✓	✓	✓	✓
8	Little Egret	<i>Egretta garzetta</i>						✓		
9	Grey Heron	<i>Ardea cinerea</i>		✓		✓	✓	✓	✓	✓
10	Purple Heron	<i>Ardea purpurea</i>						✓	✓	✓
11	Spoonbill	<i>Platalea leucorodia</i>		✓		✓		✓	✓	✓
12	White Stork	<i>Ciconia ciconia</i>	✓	✓	✓	✓	✓	✓	✓	✓
13	Mute Swan	<i>Cygnus olor</i>		✓		✓			✓	✓
14	Greylag Goose	<i>Anser anser</i>	✓	✓	✓	✓	✓	✓	✓	✓
15	Shelduck	<i>Tadorna tadorna</i>	✓	✓	✓			✓	✓	✓
16	Mallard	<i>Anas platyrhynchos</i>	✓	✓	✓	✓	✓	✓	✓	✓
17	Gadwall	<i>Anas strepera</i>	✓	✓	✓			✓	✓	
18	Wigeon	<i>Anas penelope</i>		✓					✓	
19	Shoveler	<i>Anas clypeata</i>		✓		✓	✓	✓	✓	
20	Teal	<i>Anas crecca</i>								✓
21	Garganey	<i>Anas querquedula</i>						✓		
22	Red-crested Pochard	<i>Netta rufina</i>	✓	✓		✓		✓	✓	✓
23	Tufted Duck	<i>Aythya fuligula</i>								
24	Pochard	<i>Aythya ferina</i>						✓		✓
25	Ferruginous Duck	<i>Aythya nyroca</i>						✓	✓	✓
26	White-tailed Eagle	<i>Haliaeetus albicilla</i>			✓			✓		
27	Black Kite	<i>Milvus migrans</i>					✓			
28	Marsh Harrier	<i>Circus aeruginosus</i>	✓	✓	✓	✓	✓	✓	✓	✓
29	Montagu's Harrier	<i>Circus pygargus</i>			✓	✓				
30	Sparrowhawk	<i>Accipiter nisus</i>							✓	
31	Honey Buzzard	<i>Pernis apivorus</i>			✓				✓	
32	Common Buzzard	<i>Buteo buteo</i>		✓	✓	✓	✓	✓	✓	✓
33	Imperial Eagle	<i>Aquila heliaca</i>					✓			
34	Saker	<i>Falco cherrug</i>					✓			
35	Hobby	<i>Falco subbuteo</i>				✓				
36	Common Kestrel	<i>Falco tinnunculus</i>	✓	✓	✓	✓	✓	✓	✓	✓
37	Pheasant	<i>Phasianus colchicus</i>	✓	✓	✓	✓	✓	✓	✓	✓
38	Grey Partridge	<i>Perdix perdix</i>			✓					
39	Quail	<i>Coturnix coturnix</i>					H			
40	Coot	<i>Fulica atra</i>	✓	✓		✓	✓	✓	✓	✓
41	Great Bustard	<i>Otis tarda</i>			✓					
42	Black-winged Stilt	<i>Himantopus himantopus</i>		✓		✓		✓	✓	✓
43	Avocet	<i>Recurvirostra avosetta</i>		✓	✓	✓		✓	✓	
44	Little Ringed Plover	<i>Charadrius dubius</i>	✓	✓	✓	✓	✓		✓	✓
45	Kentish Plover	<i>Charadrius alexandrinus</i>							✓	
46	Grey Plover	<i>Pluvialis squatarola</i>	✓							
47	Lapwing	<i>Vanellus vanellus</i>	✓	✓	✓	✓	✓	✓	✓	✓

	Common name	Scientific name	May							
			3	4	5	6	7	8	9	10
48	Dunlin	<i>Calidris alpina</i>							✓	
49	Sanderling	<i>Calidris alba</i>					✓			
50	Ruff	<i>Philomachus pugnax</i>	✓	✓	✓	✓	✓	✓	✓	
51	Black-tailed Godwit	<i>Limosa limosa</i>		✓	✓	✓		✓	✓	
52	Curlew	<i>Numenius arquata</i>			✓	✓				✓
53	Redshank	<i>Tringa totanus</i>	✓	✓	✓	✓	✓	✓	✓	✓
54	Spotted Redshank	<i>Tringa erythropus</i>	✓	✓	✓			✓		
55	Greenshank	<i>Tringa nebularia</i>		H	✓			✓		
56	Wood Sandpiper	<i>Tringa glareola</i>	✓	✓	✓			✓	✓	✓
57	Common Sandpiper	<i>Actitis hypoleucos</i>			✓		✓		✓	✓
58	Black-headed Gull	<i>Chroicocephalus ridibundus</i>	✓	✓	✓	✓	✓	✓	✓	✓
59	Little Gull	<i>Larus minutus</i>						✓		
60	Mediterranean Gull	<i>Ichthyaeus melanocephalus</i>			✓		✓	✓		
61	Yellow-legged Gull	<i>Larus cachinnans</i>	✓	✓	✓	✓		✓	✓	✓
62	Common Tern	<i>Sterna hirundo</i>			✓		✓	✓	✓	✓
63	Black Tern	<i>Chlidonias niger</i>			✓	✓		✓	✓	✓
64	White-winged Tern	<i>Chlidonias leucopterus</i>						✓		
65	Whiskered Tern	<i>Chlidonias hybridus</i>			✓		✓	✓		
66	Rock Dove/Feral Pigeon	<i>Columba livia</i>			✓	✓	✓	✓	✓	
67	Wood Pigeon	<i>Columba palumbus</i>	✓	✓	✓	✓	✓	✓	✓	✓
68	Stock Dove	<i>Columba oenas</i>	✓							
69	Collared Dove	<i>Streptopelia decaocto</i>	✓	✓	✓	✓	✓	✓	✓	✓
70	Turtle Dove	<i>Streptopelia turtur</i>		H	✓	✓	✓	H	✓	H
71	Cuckoo	<i>Cuculus canorus</i>		H	✓	✓	✓	✓	✓	✓
72	Long-eared Owl	<i>Asio otus</i>							✓	
73	Swift	<i>Apus apus</i>		✓		✓	✓			
74	Hoopoe	<i>Upupa epops</i>		✓		H			✓	H
75	Bee-eater	<i>Merops apiaster</i>				✓		H		
76	Black Woodpecker	<i>Dryocopus martius</i>						✓		
77	Green Woodpecker	<i>Picus viridis</i>			✓		H			
78	Syrian Woodpecker	<i>Dendrocopos syriacus</i>			✓	✓		✓	✓	
79	Great Spotted Woodpecker	<i>Dendrocopos major</i>					✓	✓		
80	Middle Spotted Woodpecker	<i>Dendrocopos medius</i>					✓	✓		
81	Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>					✓			
82	Wryneck	<i>Jynx torquilla</i>						H		
83	Skylark	<i>Alauda arvensis</i>	H	✓	✓	✓	✓	✓	✓	
84	Crested Lark	<i>Galerida cristata</i>				✓				
85	Sand Martin	<i>Riparia riparia</i>				✓				
86	House Martin	<i>Delichon urbica</i>	✓	✓	✓	✓	✓	✓	✓	✓
87	Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓	✓	✓	✓	✓
88	White Wagtail	<i>Motacilla alba</i>	✓	✓	✓	✓	✓	✓	✓	✓
89	Blue-headed Wagtail	<i>Motacilla flava flava</i>		✓	✓	✓	✓	✓	✓	
	Grey-headed Wagtail	<i>Motacilla flava thunbergi</i>						✓		
90	Wren	<i>Troglodytes troglodytes</i>			H					
91	Nightingale	<i>Luscinia megarhynchos</i>		✓	H	H	H	H	H	H
92	Black Redstart	<i>Phoenicurus ochruros</i>	✓	✓	✓	✓	✓	✓	✓	
93	Stonechat	<i>Saxicola torquata</i>			✓	✓	✓	✓	✓	
94	Whinchat	<i>Saxicola rubetra</i>	✓							
95	Northern Wheatear	<i>Oenanthe oenanthe</i>					✓			
96	Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓	✓	✓	✓	✓
97	Song Thrush	<i>Turdus philomelos</i>	✓	✓	✓	H	✓	✓	✓	

	Common name	Scientific name	May							
			3	4	5	6	7	8	9	10
98	Savi's Warbler	<i>Locustella luscinioides</i>	H			✓		✓		H
99	Grasshopper Warbler	<i>Locustella naevia</i>			H	✓		H	H	
100	Reed Warbler	<i>Acrocephalus scirpaceus</i>	H	H		H		✓		✓
101	Great Reed Warbler	<i>Acrocephalus arundinaceus</i>	✓	H	✓	✓	H	✓	✓	✓
102	Sedge Warbler	<i>Acrocephalus schoenobaenus</i>	H	H	✓	✓		✓	✓	✓
103	Icterine Warbler	<i>Hippolais icterina</i>					✓		H	
104	Lesser Whitethroat	<i>Sylvia curruca</i>		H			✓			
105	Common Whitethroat	<i>Sylvia communis</i>					✓	✓	✓	✓
106	Barred Warbler	<i>Sylvia nisoria</i>	✓			✓			✓	
107	Garden Warbler	<i>Sylvia borin</i>						✓		
108	Blackcap	<i>Sylvia atricapilla</i>	H	✓	✓	✓	✓	✓	✓	H
109	Wood Warbler	<i>Phylloscopus sibilatrix</i>		H						✓
110	Willow Warbler	<i>Phylloscopus trochilus</i>						✓		
111	Chiffchaff	<i>Phylloscopus collybita</i>			H		✓	H		
112	Pied Flycatcher	<i>Ficedula hypoleuca</i>		✓						✓
113	Collared Flycatcher	<i>Ficedula albicollis</i>					✓	✓		
114	Spotted Flycatcher	<i>Muscicapa striata</i>					✓	✓	✓	
115	Bearded Tit	<i>Panurus biarmicus</i>								✓
116	Long-tailed Tit	<i>Aegithalos caudatus</i>			✓		H	✓	✓	
117	Penduline Tit	<i>Remiz pendulinus</i>		✓				✓	✓	✓
118	Great Tit	<i>Parus major</i>		✓	H	✓	✓	✓	✓	✓
119	Blue Tit	<i>Cyanistes caeruleus</i>			✓		✓	✓		
120	Marsh Tit	<i>Poecile palustris</i>			✓					
121	Short-toed Treecreeper	<i>Certhia brachydactyla</i>					✓	✓		
122	Magpie	<i>Pica pica</i>		✓		✓		✓	✓	
123	Jay	<i>Garrulus glandarius</i>						H	✓	
124	Jackdaw	<i>Corvus monedula</i>				✓				
125	Rook	<i>Corvus frugilegus</i>	✓		✓	✓	✓	✓	✓	
126	Hooded Crow	<i>Corvus cornix</i>	✓	✓	✓	✓	✓	✓	✓	✓
127	Raven	<i>Corvus corax</i>				✓				
128	Starling	<i>Sturnus vulgaris</i>	✓	✓	✓	✓	✓	✓	✓	✓
129	Golden Oriole	<i>Oriolus oriolus</i>		✓	H	H	H	H	H	H
130	House Sparrow	<i>Passer domesticus</i>	✓	✓	✓	✓	✓	✓	✓	✓
131	Tree Sparrow	<i>Passer montanus</i>		✓	✓	✓	✓	✓	✓	✓
132	Chaffinch	<i>Fringilla coelebs</i>		✓	H	H	✓	✓		✓
133	Linnet	<i>Acanthis cannabina</i>		✓	✓	✓		✓	✓	✓
134	Goldfinch	<i>Carduelis carduelis</i>	✓	✓	✓	✓	✓	✓	✓	✓
135	Greenfinch	<i>Carduelis chloris</i>		✓	✓	✓	✓	✓	✓	
136	Serín	<i>Serinus serinus</i>	✓	✓	✓	✓	✓	✓	✓	✓
137	Reed Bunting	<i>Emberiza schoeniclus</i>	✓	✓	✓	✓	✓	✓	✓	✓
138	Yellowhammer	<i>Emberiza citrinella</i>			✓	H	H	H		
139	Corn Bunting	<i>Emberiza calandra</i>		H	H	✓			✓	

Mammals (D = dead; S = signs)

1	Eastern Hedgehog	<i>Erinaceus concolor</i>			D	D				
2	Common Pipistrelle	<i>Pipistrellus pipistrellus</i>				✓				?
3	Red Fox	<i>Vulpes vulpes</i>		✓						
4	European Roe Deer	<i>Capreolus capreolus</i>	✓	✓	✓	✓	✓		✓	
5	European Sousek	<i>Spermophilus citellus</i>						✓		
6	Eurasian Beaver	<i>Castor fiber</i>					S	S		
7	European (Brown) Hare	<i>Lepus europaeus</i>		✓	✓	✓	✓		✓	

	Common name	Scientific name	May								
			3	4	5	6	7	8	9	10	
8	Rabbit	<i>Oryctolagus cuniculus</i>		✓					✓		

Herptiles (H = heard; D = dead)

1	Fire-bellied Toad	<i>Bombina bombina</i>		H	✓	H		✓	✓	H
2	Green Toad	<i>Bufo viridis</i>				D			H	
3	Common Tree Frog	<i>Hyla arborea</i>				H			H	
4	Agile Frog	<i>Rana dalmatina</i>		✓						
5	Water frog spp.	<i>Rana</i> spp.				H	✓	✓	✓	H
6	European Pond Terrapin	<i>Emys orbicularis</i>					✓			
7	Grass Snake	<i>Natrix natrix</i>		✓				D	✓	D

Butterflies & Moths

1	Swallowtail	<i>Papilio machaon</i>						✓		
2	Scarce Swallowtail	<i>Iphiclides podalirius</i>					✓			
3	Large White	<i>Pieris brassica</i>		✓	✓	✓	✓	✓	✓	
4	Small White	<i>Artogeia rapae</i>				✓				
5	Green-veined White	<i>Artogeia napi</i>				✓	✓	✓		
6	Orange Tip	<i>Anthocharis cardamines</i>					✓	✓	✓	
7	'Pale' clouded yellow sp.	<i>Colis</i> sp.				✓			✓	
8	Brimstone	<i>Gonepteryx rhamni</i>			✓					
9	Holly Blue	<i>Celastrina argiolus</i>			✓					
10	Brown Argus	<i>Aricia agestis</i>				✓				
11	Common Blue	<i>Polyommatus icarus</i>			✓			✓	✓	
12	Peacock	<i>Inachis io</i>			✓			✓	✓	
13	Red Admiral	<i>Vanessa atalanta</i>			✓		✓	✓	✓	
14	Painted Lady	<i>Vanessa cardui</i>			✓		✓		✓	
15	Comma	<i>Polygonum c-album</i>			✓					
16	Map Butterfly	<i>Araschiria levana</i>			✓		✓	✓		
17	Queen of Spain Fritillary	<i>Issoria lathonia</i>						✓		
18	Glanville Fritillary	<i>Melitaea cinxia</i>			✓				✓	
19	Small Heath	<i>Coenonympha pamphilus</i>	✓		✓	✓		✓	✓	
20	Chestnut Heath	<i>Coenonympha glycerion</i>				✓				
21	Speckled Wood	<i>Parage aegeria</i>					✓			
22	Wall Brown	<i>Lasiommata megera</i>							✓	
23	Grizzled Skipper	<i>Pyrgus malvae</i>	✓					✓	✓	
24	Dingy Skipper	<i>Erynnis tages</i>							?	
25	Burnet Companion	<i>Euclida glyphica</i>			✓	✓		✓		
26	Speckled Yellow	<i>Pseudopanthera macularia</i>			✓	✓				
27	Black-veined Moth	<i>Siona lineata</i>				✓				
28	Mother Shipton	<i>Callistegi mi</i>						✓		
29	Unidentified pink and orange moth	?						✓		

Dragonflies

1	Banded Demoiselle	<i>Calopteryx splendens</i>			✓			✓		
2	Common Winter Damselfly	<i>Sympecma fusca</i>		✓				✓		
4	Variable Damselfly	<i>Coenagrion puella</i>		✓		✓		✓		✓
5	Common Blue Damselfly	<i>Enallagma cyathigerum</i>		✓				✓		
6	Blue-tailed Damselfly	<i>Ischnura elegans</i>		✓	✓		✓	✓		
9	White-legged Damselfly	<i>Platycnemis pennipes</i>					✓	✓		
10	Green-eyed (Norfolk) Hawker	<i>Aeshna isoceles</i>			✓	✓		✓	✓	

	Common name	Scientific name	May							
			3	4	5	6	7	8	9	10
11	Hairy Dragonfly	<i>Brachytron pratense</i>						✓	✓	
12	Common Clubtail	<i>Gomphus vulgatissimus</i>					✓			
13	Downy Emerald	<i>Cordulia aenea</i>					✓			
14	Eurasian Baskettail	<i>Epitheca bimaculata</i>					✓			
15	Broad-bodied Chaser	<i>Libellula depressa</i>					✓	✓		
16	Scarce Chaser	<i>Libellula fulva</i>			✓					
17	Four-spotted Chaser	<i>Libellula quadrimaculata</i>	✓	✓		✓		✓	✓	✓
18	Black-tailed Skimmer	<i>Orthetrum cancellatum</i>							✓	✓
19	Darter sp.	<i>Sympetrum</i> sp.							✓	

Other Invertebrates (H = heard only)

1	Field Cricket	<i>Gryllus campestris</i>	H		H	H	H	H	H	
2	Wartbiter	<i>Decticus verrucivorus</i>				✓				
3	Red & Black Froghopper	<i>Cercopis vulnerata</i>				✓				
4	Scorpion-fly sp.	Mecoptera			✓		✓			
5	Bee-fly sp.	Bombyliidae			✓	✓				
6	Buff-tailed Bumblebee	<i>Bombus terrestris</i>			✓	✓	✓			
7	Red-tailed Bumblebee	<i>Bombus lapidarius</i>			✓	✓	✓	✓		
8	White-spotted Rose Beetle	<i>Oxythyrea funesta</i>				✓			✓	
9	A rose chafer	<i>Cetonia aurata</i> or <i>cupraea</i>				✓		✓		
10	A click beetle	Elateridae			✓					
11	A soldier beetle	<i>Cantharis</i> sp.			✓	✓	✓			✓
12	An oil beetle sp.	<i>Meloe</i> sp.				✓				
13	Tick sp.	<i>Ixodes</i> sp.			✓					
14	Leech sp.	Hirudinea						✓		

Higher Plants

1	Alder	<i>Alnus glutinosa</i>						✓		
2	Alpine Clover	<i>Trifolium alpestre</i>				✓				
3	Ash	<i>Fraxinus excelsior</i>		✓			✓	✓	✓	
4	Bee Orchid	<i>Ophrys apifera</i>			✓					
5	Birthwort	<i>Aristolochia</i> sp.					✓			
6	Black Bog-rush	<i>Schoenus nigricans</i>		✓						
7	Blue Fescue	<i>Festuca glauca</i>				✓				
8	Burdock sp.	<i>Arctium</i> sp.				✓	✓		✓	
9	Carthusian Pink	<i>Dianthus carthusianorum</i>	✓	✓	✓	✓	✓		✓	
10	Comfrey sp.	<i>Symphytum</i> sp.	✓				✓	✓		
11	Common Reed	<i>Phragmites australis</i>	✓	✓	✓	✓	✓	✓	✓	✓
12	Cornflower	<i>Centaurea cyanus</i>					✓			
13	Cow-wheat sp.	<i>Melampyrum</i> sp.				✓				
14	Crosswort	<i>Cruciata laevipes</i>			✓		✓			
15	Cypress Spurge	<i>Euphorbia cyperisias</i>		✓		✓				
16	Dewberry	<i>Rubus caesium</i>					✓			
17	Dogwood	<i>Cornus sanguinea</i>		✓			✓		✓	
18	Dragon's Teeth	<i>Tetragonolobus maritimus</i>	✓	✓	✓	✓	✓		✓	
19	Dropwort	<i>Filipendula vulgaris</i>			✓					
20	Duke of Argyll's Teaplant	<i>Lycium barbarum</i>		✓		✓			✓	
21	Dwarf Elder (Danewort)	<i>Sambucus ebulus</i>				✓		✓		
22	Early Spider Orchid	<i>Ophrys sphegodes</i>	✓	✓	✓	✓				
23	Elder	<i>Sambucus nigra</i>		✓	✓	✓	✓	✓	✓	

	Common name	Scientific name	May							10
			3	4	5	6	7	8	9	
24	False Acacia	<i>Robinia pseudoacacia</i>	✓	✓	✓	✓	✓	✓	✓	
25	Feather Grass	<i>Stipa pennata</i>				✓				
26	Field Eryngo	<i>Eryngium campestre</i>		✓	✓	✓				
27	Field Fleawort?	<i>Tephrosia sp.</i>				✓				
28	Field Pansy	<i>Viola arvensis</i>				✓				
29	Field Scabious	<i>Knautia arvensis</i>	✓	✓	✓	✓	✓		✓	
30	Garlic Mustard	<i>Alliaria petiolata</i>					✓			
31	Globe-flower	<i>Trollius europaeus</i>			✓					
32	Goat's-beard sp.	<i>Tragopogon sp.</i>				✓				
33	Grape Hyacinth	<i>Muscari neglectum</i>		✓						
34	Great Fen Sedge	<i>Cladium mariscus</i>								✓
35	Greater Celandine	<i>Chelidonium majus</i>				✓	✓			
36	Greater Pond Sedge	<i>Carex riparia</i>							✓	
37	Green-winged Orchid	<i>Anacamptis morio</i>	✓	✓	✓					
38	Guelder Rose	<i>Viburnum opulus</i>				✓		✓	✓	
39	Hoary Cress?	<i>Lepidium draba</i>	✓	✓	✓	✓	✓		✓	
40	Hoary Plantain	<i>Plantago media</i>			✓	✓				
41	Honewort	<i>Trinia glauca</i>				✓				
42	Honeywort	<i>Cerinthe minor</i>			✓	✓	✓			
43	Hop	<i>Humulus lupulus</i>						✓		
44	Hop Trefoil	<i>Trifolium campestre</i>								✓
45	Horse Chestnut	<i>Aesculus hippocastaneum</i>	✓	✓	✓	✓	✓	✓	✓	
46	Hound's-tongue	<i>Cynoglossum officinale</i>			✓	✓	✓	✓	✓	
47	Illyrian Buttercup	<i>Ranunculus illyricus</i>				✓				
48	Inula sp.	<i>Inula sp.</i>				✓				
49	Kidney Vetch	<i>Anthyllis vulneraria</i>			✓		✓		✓	
50	Lady's Bedstraw	<i>Galium verum</i>		✓	✓	✓	✓		✓	
51	Large Bittercress	<i>Cardamine amara</i>					✓			
52	Lesser Stitchwort	<i>Stellaria graminea</i>	✓				✓			
53	Mallow sp.	<i>Malva sp.</i>								✓
54	Marsh Spurge	<i>Euphorbia palustris</i>					✓			
55	Meadow Clary?	<i>Salvia pratensis</i>	✓	✓	✓	✓	✓		✓	
56	Military Orchid	<i>Orchis militaris</i>	✓		✓				✓	
57	Milk-vetch sp.	<i>Astragalus sp.</i>			✓	✓				
58	Musk Thistle	<i>Carduus nutans</i>				✓			✓	
59	Oleaster (Russian Olive)	<i>Eleagnus angustifolia</i>	✓	✓	✓	✓	✓	✓	✓	
60	Ox-eye Daisy	<i>Leucanthemum vulgare</i>			✓	✓	✓	✓	✓	
61	Pink sp.	<i>Dianthus pontederiae</i>	✓	✓						
62	Purple Moor-grass	<i>Molinia caerulea</i>		✓						
63	Purple Mullein	<i>Verbascum phoeniceum</i>		✓		✓	✓			
64	Quaking Grass	<i>Briza media</i>								✓
65	Ragged-Robin	<i>Lychnis flos-cuculi</i>					✓			
66	Rose sp.	<i>Rosa sp.</i>	✓	✓		✓	✓			
67	Sainfoin	<i>Onobrychis viciifolia</i>					✓			
68	Salad Burnet	<i>Sanguisorba minor</i>				✓				
69	Silverweed	<i>Potentilla anserina</i>				✓	✓		✓	
70	Small Pasque Flower	<i>Pulsatilla pratensis</i>				✓				
71	Star-of Bethlehem	<i>Ornithogalum angustifolium</i>			✓	✓	✓			
72	Stork's-bill sp.	<i>Erodium sp.</i>			✓	✓				
73	Strawberry Clover	<i>Trifolium fragiferum</i>		✓						
74	Strawberry sp.	<i>Fragaria sp.</i>			✓	✓	✓			

	Common name	Scientific name	May							
			3	4	5	6	7	8	9	10
75	Summer Snowflake	<i>Leucojum aestivum</i>					✓			
76	Tufted Vetch	<i>Vicia cracca</i>				✓				
77	Weld	<i>Reseda luteola</i>				✓			✓	
78	White Campion	<i>Silene dioica</i>	✓	✓	✓	✓	✓	✓	✓	
79	Wild Asparagus	<i>Asparagus officinalis</i>		✓		✓			✓	
80	Wild Cherry	<i>Prunus avium</i>		✓		✓				
81	Wild Garlic (Ramsons)	<i>Allium ursinum</i>					✓			
82	Wild Plum	<i>Prunus domestica</i>			✓					
83	Wild Privet	<i>Ligustrum vulgare</i>					✓	✓	✓	
84	Wild Teasel	<i>Dipsacus fullonum</i>					✓	✓		
85	Wild Thyme	<i>Thymus praecox</i>			✓					
86	Yellow Flag	<i>Iris pseudacorus</i>			✓		✓			
87	Yellow Rattle sp.	<i>Rhinanthus</i> sp.							✓	