# **Austria's Steppes & Wetlands**

# Naturetrek Tour Report

# 5 -12 May 2011



Reed stacking

Report and images compiled by Dave Smallshire



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## Day 1

Vienna to Illmitz

Sunny with cool northerly wind; max 15 deg C

Dave met the participants at Vienna airport early in the afternoon and drove for less than an hour 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 and Biological Research Station. We soon appreciated the abundance of water birds that the Seewinkel holds. There were lots of Red-crested Pochards and Great White Egrets and we had good views of migrant Ruff and Wood Sandpiper together with breeding Avocets, Stilts, Lapwings and Redshanks and large numbers of Greylag Geese with their downy families – birds which we were to see many more of in the coming week! One of many Nightingales gave us good views while bursting forth in splendid song. We had a couple of glimpses of Golden Orioles flying over, but everyone declared a lovely Penduline Tit 'bird of the day'. Among the reedbeds of Lake Neusiedl we saw a Muskrat, Great Reed Warblers in grating song, and lots of dragonflies, including the uncommon Yellow-spotted Whiteface. Masses of Green-winged Orchids and other flowers made the grassy areas a riot of colour, and we also found Early Spider and Military Orchids. What a great start to the trip!

## Day 2

Illmitz: Sandeck & Holle

## Sunny with lighter southerly wind; max 20 deg C

We rose early to a cold but sunny morning and, once breakfast had been stowed on board, took our places in a horse and carriage! Our slow journey along tracks to the edge of Lake Neusiedl's reedbed was interrupted by frequent stops to watch birds such as Spotted Redshank, Black Tern and Savi's Warbler from our splendidly elevated perches. Flasks of coffee were eagerly opened after we arrived at the location for our breakfast picnic: the Sandeck Tower – an old Hungarian observation point which gave a panoramic view over the marshes. As we ate and bathed in the morning sun, we watched Spotted and Pied Flycatchers and Hawfinches in the adjacent little wood, and listened to Bitterns booming – eventually we saw one in flight and then launching itself up at one of the many Marsh Harriers over the reedbeds. Small numbers of the endangered Ferruginous Duck and several Pygmy Cormorants were seen flying over the reeds.

Thursday 5th May

Friday 6th May

While we warmed up in the morning sun, Allen found Sand Lizards basking too, and we had close views of a Green-eyed Hawker as it warmed up. In a nearby paddock was perhaps 20% of the total world stock of attractive blue-eyed White Donkeys, a local breed.

After finishing breakfast, we walked back to Illmitz, finding several Whinchats and Wheatears feeding in a vineyard. At the National Park's Information Centre, 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 lunch at the hotel, we drove north of Illmitz and spent the afternoon at Holle, where we walked around part of the Oberstinkersee. We looked in vain for the Fire-bellied Toads calling near a hide, though their loud, almost bell-like calls seemed so close. Two men were stacking cut reeds into neat piles, presumably to be used for thatching. Following a Hoopoe that flew over a sunny glade, we found 500 Four-spotted Chasers basking in close proximity – an amazing sight. Nearby, a Swallowtail and several Brimstones and Wood Whites were also found. The first Swifts arrived overhead: it was a late spring here, in contrast to the situation at home.

## Day 3

## Saturday 7th May

#### Lange Lacke & Hansag

#### Sunny with fresh northerly wind; at least 20 deg C

Today we had a more conventional breakfast and left at 8:45 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 Small Blues, Grizzled Skippers, Glanville Fritillaries and several species of day-flying moth. Out over the lake were Mediterranean Gulls, Black Terns and Little Gulls, while on the water we found a couple of Black-necked Grebes amongst hundreds of wildfowl.

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 Montagu's Harriers, Short-eared Owls and Curlews, all local breeding species. Looking from a tower overlooking the large, lush fields of a nature reserve, we soon found our target bird: Great Bustard. They were distant blobs of white, though, so we decided to go on to the Einserkanal, and cross the border briefly over the wooden Andau Bridge that was used in the mid-1950s by 70,000 Hungarians fleeing the Hungarian Revolution. Walking along a sunny path on the Austrian bank, we found several Map butterflies, showing well the intricate first-generation markings, and Hairy Dragonflies perched in bushes. An Icterine Warbler sang, but failed to show itself clearly. Returning to the reserve area, we found 11 male Bustards at closer range, although the wind stopped them putting on the magnificent full 'foam bath' display.

## Day 4

## Sunday 8th May

#### Gols & Hackelsberg

Cloudy with some rain in morning, fresh northerly wind; max 15 deg C

This morning was surprisingly cool and cloudy, with a short period of rain, for our visit to the wet meadows at Zitzmannsdorfer, near Gols.

Despite the weather, we were treated to good views of three Short-eared Owls, one of which rose high over his territory to display for us (or so it seemed). Both male and female Montagu's Harriers were here too, along with Black-tailed Godwits that rose noisily with other breeding waders to drive off passing Hooded Crows. A Bluethroat sang from one reed bed, giving nice views through the scope, while in another a Grasshopper Warbler gave us fleeting views. Corn Bunting and Quail sang in drier areas near the main road, but the latter of course didn't show itself.

Our fish lunch in Gols was not to be: the restaurant was brim full of families celebrating Mothers Day! However, we all agreed, in retrospect, that our meal in the adjacent establishment was a better choice. Suitably refreshed, we drove a short distance to see if Bee-eaters had returned yet to a sandpit where they breed. Alas, they hadn't... although Swift, Swallows and martins had poured northwards over our heads during the morning. We thought we would have to settle for a few Jackdaws and a Syrian Woodpecker feeding on nearby vines, but just as we were about to leave, a Bee-eater called and flew over, followed shortly after by another. Not quite the close views that we hoped we would get from the hide, but welcome nevertheless.

We spent the remainder of the afternoon at the Hacklesberg, looking at flowers and insects in hilltop grassland that gave us spectacular views to the south over Lake Neusiedl. Walking up we got close-up views of a pair of Hairy Dragonflies and puzzled over the Duke of Argyll's Teaplant. At the top were Swallowtail, Grizzled Skippers and Small Pasque Flower, with its beautiful, feathery seed heads.

After dinner, we were joined by local wine makers, Ernst and Renate Lang. We learned how the Seewinkel vineyards had specialised in making quality wines, while sampling the Langs' range of white, red and finally sweet dessert wines. They answered many questions about how their family winery was run.

Day 5

**Monday 9th May** 

## Parndorfer & Marchegg

#### Sunny with light breeze; max 24 deg C

Today Anne and Tony decided to use the hotel's cycles and ride, via the ferry across Lake Neusiedl, to the village of Rust. They had an enjoyable day, while the rest of us 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 Souslik at a site that used to have them. We were in luck: not only did we see one, but a Bittern flew by while we were watching it! On reaching our viewpoint, we scanned over the huge arable fields and in a short time found Eastern Imperial Eagle, Short-eared Owl and a Great Bustard – all in flight at some distance – plus a brief fly-over Red-footed Falcon. A search of the pylons revealed a Saker, but again at long range.

We found a nice picnic spot in woodland next to the River Danube, where some of the group paddled for a while. After splendid lunch in the warm sunshine, we scoped a Eurasian Baskettail perched in a tree: this is one of Europe's most difficult species to find and was new to everyone, including the leader. Jen found a Great Spotted Woodpecker nest with noisy chicks inside and an oxbow lake nearby had more dragonflies, including Common Clubtail and Downy Emerald.

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. 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. A Honey Buzzard flew over, as did both Red and Black Kites later on. At the lakes we saw Mandarins, a Pond Terrapin and a large felled tree with fresh Beaver teeth marks, while the fringing woodland gave us views of stunning Collared Flycatchers and a Middle Spotted Woodpecker. Around scrubby areas we found more Baskettails, Sooty Coppers and Icterine Warblers.

#### Day 6

#### **Tuesday 10th May**

Fertoujlak & Kiraly, Hungary

#### Sunny and calm; max 24 deg 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 meant more habitats for wildlife. In dry grassland next to the road near Fertoujlak (Mekszikopuszta) we found a dozen or more very cute Sousliks standing up proud of the sward – very cute, but with the annoying habit of ducking down just as camera shutters were pressed. The nearby wetlands had groups of Teal, Garganey and Pochard among the numerous Red-crested Pochards. Cockchafers were buzzing in the air everywhere today and even attracted the attentions of aerial-feeding Mediterranean Gulls. A walk along the Einserkanal from the sluice that controls the water level in Lake Neusiedl gave us good views of Great Reed and Grasshopper Warblers, and distant views of the traditional 'blue' Hungarian Longhorn cattle.

Moving into the depths of the Hansag, we picnicked to the sound of a Serin and found a recently emerged Scarce Chaser. Bee-eaters were in the vicinity, a few eventually giving us half decent views, and a Ferruginous Duck swam along one of the drains. A walk to Kiraly Lake took us through wet woodland, where Collared Flycatchers and Willow Warblers were singing, and saw Short-toed Treecreeper and Middle Spotted Woodpecker. The sound of a nearby Fire-bellied Toad led us eventually to the small, dark, inflated creature making all the noise. The orange-yellow blotches on its throat were obvious as it inflated with each surprisingly loud and melodic 'oop'. The species is supposed to be all but impossible to see in spring! After finding Agile Frogs along the track, we climbed up the observation platform overlooking the reedy lake. There were few birds to be found in the afternoon heat, though masses of Downy Emeralds and Baskettails, plus our only Red-eyed Damselflies of the trip, swarmed over the surface. On the way back we saw a Wryneck and Allen found a couple of young Green Toads, which led in turn to the discovery of a Black Stork flying over – a nice end to an exciting day.

#### Day 7

Illmitz area

#### Sunny with light breeze; max 24 deg 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.

Wednesday 11th May

The pools here held lots of waterfowl, including Spoonbills, and our first flock of Dunlin. We had distant views of a Pygmy Cormorant perching in the reeds and Little Gulls and Black Terns were feeding over the pools with eight beautiful White-winged Black Terns. First one, then two and finally three Grass Snakes entertained us in the ditch in font of the hide. On the way back to Illmitz, a Saker circled for a while, giving us excellent views of this rare falcon, and our only Tree Frog of the week was spotted sitting on the leaf of a reed.

After driving to the Visitor Centre, we walked to Alois Kroiss' farm, where he had prepared a lunch of locally produced meat, cheese and strudel in the shade of one of his farm buildings. We were joined by Harald Grabenhofer, the National Park's Information Officer who had helped greatly with various arrangements during the week. After eating our fill, we looked at his vineyard and then went to meet what everyone agreed were 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). The walk back yielded a young family of Kentish Plovers in the desiccated soda-mud edges of Zick Lacke and good views of Black-tailed Godwits and a Lesser Whitethroat.

So what could possibly upstage the woolly pigs? Well, perhaps the Long-eared Owls that we went to see next! A nest site that had been in use the week before was clearly empty when we arrived, but where could the owls be? It soon became apparent that an adult was sitting in the open in a nearby tree ... with three fluffy fledglings close by. We were welcomed by the owner into the fenced area that held the owls and soon found another tree full of Long-eared Owls next to his buildings. Actually there were two adults, one on a nest of twigs, and two fluffy chicks peering down inquisitively at us. If that wasn't enough, there was also a Hoopoe feeding nearby and a Kestrel nesting on a special platform on the outside of the building. Finally, we had fleeting views of two Whiskered Terns and a group of Little Stints at Neubruchlacke nearby.

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 12th May

Illmitz to London

#### Sunny with light breeze; max 24 deg C

Most of the party assembled at 07:00 this morning for a last look at the reed beds. Along the causeway to the edge of Lake Neusiedl we finally located some Reed Warblers among the numerous Great Reed and Sedge Warblers, plus an obliging Wood Warbler, a family of Bearded Tits, Penduline Tits and a female Little Bittern in flight. Allen was lucky enough to glimpse an Otter.

We returned for breakfast two hours later, 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. We had seen a very wide range of wildlife, including 137 species of birds, 24 butterflies and 19 dragonflies. Our daily 'highlights' included Penduline Tit, Bluethroat, Short-eared Owl, Baskettail, Souslik, Fire-bellied Toad, Saker, Long-eared Owl and Woolly Pig! **Species Lists** 

#### **Birds** ( $\checkmark$ = recorded but not counted; L = leader only; H = heard only)

|    |                      |                         |                       |                       |   |   | May      |                       |                       |                       |
|----|----------------------|-------------------------|-----------------------|-----------------------|---|---|----------|-----------------------|-----------------------|-----------------------|
|    | Common name          | Scientific name         | 5                     | 6                     | 7 | 8 | 9        | 10                    | 11                    | 12                    |
| 1  | Great Crested Grebe  | Podiceps cristatus      | ✓                     |                       | ✓ |   |          |                       | ✓                     | ✓                     |
| 2  | Black-necked Grebe   | Podiceps nigricollis    |                       |                       | ✓ |   |          |                       |                       |                       |
| 3  | Little Grebe         | Tachybaptus ruficollis  | ~                     | ✓                     | ✓ |   |          |                       |                       | Н                     |
| 4  | Cormorant            | Phalacrocorax carbo     | ✓                     |                       |   |   |          | ✓                     |                       |                       |
| 5  | Pygmy Cormorant      | Phalacrocorax pygmeus   | ✓                     | ✓                     |   |   |          |                       | ✓                     |                       |
| 6  | Little Bittern       | Ixobrychus minutus      |                       |                       |   |   |          |                       |                       | ✓                     |
| 7  | Great Bittern        | Botaurus stellaris      |                       | ✓                     |   |   | ~        |                       | н                     |                       |
| 8  | Great White Egret    | Egretta alba            | ✓                     | ✓                     | ✓ | ✓ | ~        | ✓                     | ~                     | ✓                     |
| 9  | Grey Heron           | Ardea cinerea           |                       | ✓                     | ✓ | ~ | ~        | ~                     | ~                     | ✓                     |
| 10 | Purple Heron         | Ardea purpurea          |                       | ✓                     |   | ✓ |          | ✓                     | ✓                     | ✓                     |
| 11 | Spoonbill            | Platalea leucorodia     | ✓                     | ✓                     | ✓ |   |          |                       | ✓                     |                       |
| 12 | White Stork          | Ciconia ciconia         |                       | ✓                     | ✓ | ✓ | ~        | ✓                     | ✓                     | ✓                     |
| 13 | Black Stork          | Ciconia nigra           |                       |                       |   |   |          | <ul> <li>✓</li> </ul> |                       |                       |
| 14 | Mute Swan            | Cygnus olor             | <ul> <li>✓</li> </ul> | ✓                     | ✓ |   |          | <ul> <li>✓</li> </ul> | ~                     | ✓                     |
| 15 | Greylag Goose        | Anser anser             | ✓                     | ~                     | ~ | ~ | ~        | ~                     | ~                     | <ul> <li>✓</li> </ul> |
| 16 | Mandarin             | Aix galericulata        |                       |                       |   |   | ~        |                       |                       |                       |
| 17 | Mallard              | Anas platyrhynchos      | ✓                     | ~                     | ✓ | ~ | ~        | ✓                     | ~                     | ~                     |
| 18 | Gadwall              | Anas strepera           | ✓                     | ✓                     | ✓ |   |          | ~                     | ~                     | ✓                     |
| 19 | Wigeon               | Anas penelope           |                       |                       | ✓ |   |          |                       | ~                     |                       |
| 20 | Shoveler             | Anas clypeata           |                       | ✓                     | ✓ | ✓ |          | <ul> <li>✓</li> </ul> | ~                     | ✓                     |
| 21 | Teal                 | Anas crecca             | <ul> <li>✓</li> </ul> |                       |   |   |          | <ul> <li>✓</li> </ul> | ~                     |                       |
| 22 | Garganey             | Anas querquedula        | <ul> <li>✓</li> </ul> | <b>√</b>              | ✓ |   |          | <ul> <li>✓</li> </ul> | ~                     | ✓                     |
| 23 | Red-crested Pochard  | Netta rufina            | ✓                     | <ul> <li>✓</li> </ul> | ✓ | ✓ |          | <ul> <li>✓</li> </ul> | ~                     | ✓                     |
| 24 | Tufted Duck          | Aythya fuligula         |                       |                       | ✓ |   |          | <ul> <li>✓</li> </ul> |                       |                       |
| 25 | Pochard              | Aythya ferina           |                       | ✓                     | ✓ |   | ~        | <ul> <li>✓</li> </ul> |                       |                       |
| 26 | Ferruginous Duck     | Aythya nyroca           |                       | ✓                     |   |   |          | <ul> <li>✓</li> </ul> | ~                     | ✓                     |
| 27 | Black Kite           | Milvus migrans          |                       |                       |   |   | ~        |                       |                       |                       |
| 28 | Red Kite             | Milvus milvus           |                       |                       |   |   | ~        |                       |                       |                       |
| 29 | Marsh Harrier        | Circus aeruginosus      | ✓                     | <ul> <li>✓</li> </ul> | ✓ | ✓ | ~        | <ul> <li>✓</li> </ul> | ~                     | ✓                     |
| 30 | Montagu's Harrier    | Circus pygargus         |                       |                       | ✓ | ✓ |          |                       |                       |                       |
| 31 | Sparrowhawk          | Accipiter nisus         |                       | <ul> <li>✓</li> </ul> |   | ~ | ~        | <ul> <li>✓</li> </ul> |                       |                       |
| 32 | Honey Buzzard        | Pernis apivorus         |                       |                       |   |   | ~        |                       |                       |                       |
| 33 | Common Buzzard       | Buteo buteo             | ✓                     | ✓                     | ✓ | ~ | ~        | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> |
| 34 | Imperial Eagle       | Aquila heliaca          |                       |                       |   |   | ~        |                       |                       |                       |
| 35 | Saker                | Falco cherrug           |                       |                       |   |   | ~        |                       | ~                     |                       |
| 36 | Hobby                | Falco subbuteo          |                       |                       | ✓ |   |          |                       |                       |                       |
| 37 | Red-footed Falcon    | Falco vespertinus       |                       |                       |   |   | ~        |                       |                       |                       |
| 38 | Common Kestrel       | Falco tinnunculus       | <ul> <li>✓</li> </ul> | <b>√</b>              | ✓ | ~ | ~        | <ul> <li>✓</li> </ul> | ~                     | ~                     |
| 39 | Pheasant             | Phasianus colchicus     | Н                     | ✓                     | ✓ | н | <b>√</b> | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> |                       |
| 40 | Quail                | Coturnix coturnix       |                       |                       |   | н |          |                       | н                     |                       |
| 41 | Coot                 | Fulica atra             | ✓                     | ✓                     | ✓ | 1 | <b>√</b> | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> |
| 42 | Great Bustard        | Otis tarda              |                       |                       | ✓ |   | ~        |                       |                       |                       |
| 43 | Black-winged Stilt   | Himantopus himantopus   | ✓                     | <ul> <li>✓</li> </ul> | ✓ |   | ~        | ✓                     | ~                     | <ul> <li>✓</li> </ul> |
| 44 | Avocet               | Recurvirostra avosetta  | ✓                     | <ul> <li>✓</li> </ul> | ✓ |   | ~        | ~                     | ~                     | ✓                     |
| 45 | Little Ringed Plover | Charadrius dubius       | ✓                     |                       |   |   |          |                       | ~                     | ✓                     |
| 46 | Kentish Plover       | Charadrius alexandrinus |                       |                       |   |   |          |                       | ~                     |                       |
| 47 | Lapwing              | Vanellus vanellus       | ✓                     | ✓                     | ✓ | ~ | ~        | ✓                     | ✓                     | ✓                     |
| 48 | Dunlin               | Calidris alpina         |                       |                       |   |   |          |                       | ~                     |                       |
| 49 | Little Stint         | Calidris minuta         |                       |                       |   |   |          |                       | ✓                     | <u> </u>              |

|    |                           |                            |                       |                       |                       |                       | Мау                   |                       |                       |          |
|----|---------------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|
|    | Common name               | Scientific name            | 5                     | 6                     | 7                     | 8                     | 9                     | 10                    | 11                    | 12       |
| 50 | Ruff                      | Philomachus pugnax         | ✓                     | ✓                     | ✓                     |                       |                       | ~                     | ~                     |          |
| 51 | Black-tailed Godwit       | Limosa limosa              |                       | ✓                     | 1                     | 1                     | н                     |                       | ~                     |          |
| 52 | Curlew                    | Numenius arquata           | ✓                     | Н                     | ✓                     | ✓                     |                       | ~                     | н                     |          |
| 53 | Whimbrel                  | Numenius phaeopus          |                       |                       | ✓                     |                       |                       |                       |                       |          |
| 54 | Redshank                  | Tringa totanus             | ✓                     | <ul> <li>✓</li> </ul> | ✓                     | ✓                     | ~                     | ~                     | ~                     | <b>√</b> |
| 55 | Spotted Redshank          | Tringa erythropus          | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> |                       |                       |                       |                       | ~                     |          |
| 56 | Greenshank                | Tringa nebularia           |                       |                       | ✓                     |                       |                       | ~                     |                       |          |
| 57 | Wood Sandpiper            | Tringa glareola            | <ul> <li>✓</li> </ul> | ✓                     | ✓                     | ✓                     | <ul> <li>✓</li> </ul> | ~                     | ~                     |          |
| 58 | Common Sandpiper          | Actitis hypoleucos         |                       | <ul> <li>✓</li> </ul> |                       |                       |                       |                       |                       | <b>√</b> |
| 59 | Black-headed Gull         | Larus ridibundus           | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> | ✓                     | ~                     | ~                     | <b>√</b> |
| 60 | Little Gull               | Larus minutus              |                       |                       | ✓                     |                       |                       |                       | ~                     |          |
| 61 | Mediterranean Gull        | Larus melanocephalus       | <ul> <li>✓</li> </ul> |                       | <b>√</b>              |                       |                       | ~                     |                       | -        |
| 62 | Yellow-legged Gull        | Larus cachinnans           | <ul> <li>✓</li> </ul> | ✓                     | ✓                     | <b>↓</b> |
| 63 | Little Tern               | Sterna albifrons           |                       |                       | ·<br>•                |                       |                       | -                     |                       | -        |
| 64 | Common Tern               | Sterna hirundo             |                       | <ul> <li>✓</li> </ul> | ·<br>·                |                       | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> |          |
| 65 | Black Tern                |                            |                       | ·<br>✓                | ▼<br>✓                |                       | •                     | •                     | •<br>•                | -        |
|    |                           | Chlidonias niger           |                       | •                     | v                     |                       |                       |                       | ▼<br>✓                |          |
| 66 | White-winged Black Tern   | Chlidonias leucopterus     |                       |                       |                       |                       |                       |                       | •                     | <b>√</b> |
| 67 | Whiskered Tern            | Clidonias hybridus         |                       |                       |                       |                       |                       |                       |                       | V        |
| 68 | Rock Dove/Feral Pigeon    | Columba livia              |                       | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> | ✓<br>✓                | <ul> <li>✓</li> </ul> |          |
| 69 | Wood Pigeon               | Columba palumbus           | <ul> <li>✓</li> </ul> |          |
| 70 | Collared Dove             | Streptopelia decaocto      | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     | <b>√</b> |
| 71 | Turtle Dove               | Streptopelia turtur        | ✓                     | ✓                     | ✓                     | ✓                     |                       | ✓                     |                       |          |
| 72 | Cuckoo                    | Cuculus canorus            |                       | ✓                     | ✓                     | ✓                     | н                     | ✓                     | Н                     | <b>√</b> |
| 73 | Long-eared Owl            | Asio otus                  |                       |                       |                       |                       |                       |                       | ✓                     |          |
| 74 | Short-eared Owl           | Asio flammeus              |                       |                       | ✓                     | ✓                     | ✓                     |                       |                       |          |
| 75 | Swift                     | Apus apus                  |                       | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     |                       |          |
| 76 | Ноорое                    | Upupa epops                | Н                     | ✓                     |                       | ✓                     |                       |                       | ✓                     |          |
| 77 | Bee-eater                 | Merops apiaster            |                       |                       |                       | ✓                     |                       | ~                     |                       |          |
| 78 | Green Woodpecker          | Picus viridis              |                       |                       | н                     |                       |                       | ✓                     |                       |          |
| 79 | Syrian Woodpecker         | Dendrocopos syriacus       |                       |                       |                       | ✓                     |                       |                       |                       |          |
| 80 | Great Spotted Woodpecker  | Dendrocopos major          |                       |                       |                       |                       |                       | ~                     | ~                     |          |
| 81 | Middle Spotted Woodpecker | Dendrocopos medius         |                       |                       |                       |                       | ✓                     | ~                     |                       |          |
| 82 | Lesser Spotted Woodpecker | Dendrocopos minor          |                       |                       |                       |                       | LH                    |                       |                       |          |
| 83 | Wryneck                   | Jynx torquilla             |                       |                       |                       |                       |                       | ~                     |                       |          |
| 84 | Skylark                   | Alauda arvensis            |                       | ✓                     | ✓                     | ✓                     | <b>√</b>              | ~                     | ~                     |          |
| 85 | Crested Lark              | Galerida cristata          | ✓                     | ✓                     | ✓                     |                       | L                     |                       |                       |          |
| 86 | Sand Martin               | Riparia riparia            |                       |                       | ✓                     | <b>√</b>              | ✓                     |                       |                       |          |
| 87 | House Martin              | Delichon urbica            | ~                     | ✓                     | ✓                     | 1                     | <ul> <li>✓</li> </ul> | ~                     | ~                     | <b>√</b> |
| 88 | Swallow                   | Hirundo rustica            | <ul> <li>✓</li> </ul> | ✓                     | ✓                     | ✓                     | <ul> <li>✓</li> </ul> | ~                     | ~                     | <b>√</b> |
| 89 | White Wagtail             | Motacilla alba             | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> | ✓                     |                       | <b>√</b>              | ~                     | ~                     | <b>√</b> |
| 90 | Blue-headed Wagtail       | Motacilla flava flava      | ~                     | <ul> <li>✓</li> </ul> | ✓                     | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> | ~                     | ~                     |          |
|    | Yellow Wagtail            | Motacilla flava flavissima |                       |                       | ✓                     |                       |                       |                       |                       |          |
| 91 | Dunnock                   | Prunella modularis         |                       |                       |                       |                       | н                     |                       |                       |          |
| 92 | Nightingale               | Luscinia megarhynchos      | <ul> <li>✓</li> </ul> | н                     | н                     | н                     | н                     | н                     | н                     | F        |
| 93 | Bluethroat                | Luscinia svecica           |                       | · ·                   |                       | · · ·<br>✓            |                       |                       |                       | -        |
| 93 | Black Redstart            | Phoenicurus ochruros       |                       | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> | •<br>✓                | <ul> <li>✓</li> </ul> |                       | <b>√</b>              | <b>↓</b> |
| -  |                           |                            |                       | ▼<br>✓                | ▼<br>✓                | ▼<br>✓                | ▼<br>✓                | <ul> <li>✓</li> </ul> | ▼<br>✓                | -        |
| 95 | Stonechat                 | Saxicola torquata          | -                     | ✓<br>✓                | ×                     | ▼<br>✓                | ▼<br>✓                | ×                     | ▼<br>✓                |          |
| 96 | Whinchat                  | Saxicola rubetra           |                       |                       |                       |                       | ×                     |                       | ×                     | -        |
| 97 | Northern Wheatear         | Oenanthe oenanthe          |                       | ✓<br>✓                |                       | ✓<br>✓                |                       |                       |                       |          |
| 98 | Blackbird                 | Turdus merula              | <ul><li>✓</li></ul>   | <ul><li>✓</li></ul>   | ✓                     | <ul><li>✓</li></ul>   | ✓                     | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> | <b>√</b> |

|     |                        |                               |   |   |   | I | May |                       |    |    |
|-----|------------------------|-------------------------------|---|---|---|---|-----|-----------------------|----|----|
|     | Common name            | Scientific name               | 5 | 6 | 7 | 8 | 9   | 10                    | 11 | 12 |
| 100 | Reed Warbler           | Acrocephalus scirpaceus       |   |   |   |   |     |                       |    | ✓  |
| 101 | Savi's Warbler         | Locustella luscinioides       |   | ✓ | н |   | ✓   |                       | н  |    |
| 102 | Grasshopper Warbler    | Locustella naevia             |   |   |   | ✓ |     | ✓                     |    |    |
| 103 | Great Reed Warbler     | Acrocephalus arundinaceus     | 1 | ✓ | н |   | Н   | ~                     | ~  | ✓  |
| 104 | Sedge Warbler          | Acrocephalus schoenobaenus    | ✓ | ✓ | ✓ | ✓ |     | ✓                     | ~  | ✓  |
| 105 | Icterine Warbler       | Hippolais icternia            |   |   | ✓ |   | ✓   |                       |    |    |
| 106 | Lesser Whitethroat     | Sylvia curruca                | Н |   | ✓ | Н |     |                       | ~  |    |
| 107 | Common Whitethroat     | Sylvia communis               |   |   |   |   | ✓   | ✓                     | ~  |    |
| 108 | Blackcap               | Sylvia atricapilla            | н | н | ✓ | н | ✓   | <ul> <li>✓</li> </ul> | н  |    |
| 109 | Wood Warbler           | Phylloscopus sibilatrix       |   | ✓ |   |   |     | н                     | ~  | ✓  |
| 110 | Willow Warbler         | Phylloscopus trochilus        |   |   |   |   |     | ~                     |    |    |
| 111 | Chiffchaff             | Phylloscopus collybita        |   |   |   |   | ✓   | ✓                     |    |    |
| 112 | Pied Flycatcher        | Ficedula hypoleuca            | 1 | ✓ |   |   |     |                       |    |    |
| 113 | Collared Flycatcher    | Ficedula albicollis           |   |   |   |   | ✓   | н                     |    |    |
| 114 | Spotted Flycatcher     | Muscicapa striata             |   | ✓ |   |   | ✓   |                       |    |    |
| 115 | Bearded Tit            | Panurus biarmicus             |   | ✓ |   |   |     |                       |    | ✓  |
| 116 | Long-tailed Tit        | Aegithalos caudatus           |   | ✓ |   |   | Н   | ~                     |    |    |
| 117 | Penduline Tit          | Remiz pendulinus              | ✓ |   | 1 |   |     | н                     |    | ✓  |
| 118 | Great Tit              | Parus major                   |   | ✓ | ✓ | ~ | ✓   | ~                     | ~  |    |
| 119 | Blue Tit               | Parus caeruleus               |   |   | ✓ |   |     | ~                     |    |    |
| 120 | Short-toed Treecreeper | Certhia brachydactyla         |   |   |   |   |     | ✓                     |    |    |
| 121 | Magpie                 | Pica pica                     | ✓ | ✓ |   | ~ | ✓   |                       |    | ✓  |
| 122 | Jay                    | Garrulus glandarius           |   | ✓ |   |   |     | <ul> <li>✓</li> </ul> |    |    |
| 123 | Jackdaw                | Corvus monedula               |   |   |   | ~ | ✓   |                       |    |    |
| 124 | Rook                   | Corvus frugilegus             |   | ✓ |   | ~ | ✓   | ~                     | ~  | ✓  |
| 125 | Hooded Crow            | Corvus cornix                 | 1 | ✓ | 1 | ~ | ✓   | ~                     | ~  | ✓  |
| 126 | Starling               | Sturnus vulgaris              | ✓ | ✓ | ~ | ~ | ✓   | ✓                     | ~  | ✓  |
| 127 | Golden Oriole          | Oriolus oriolus               | 1 |   | н | ~ | ✓   | ~                     | н  |    |
| 128 | House Sparrow          | Passer domesticus             | ✓ | ✓ | 1 | ~ | ✓   | ✓                     | ~  | ✓  |
| 129 | Tree Sparrow           | Passer montanus               | ✓ | ✓ | ✓ | ~ | ✓   | ~                     | ~  | ✓  |
| 130 | Chaffinch              | Fringilla coelebs             |   | ✓ | 1 |   | ✓   | ~                     |    |    |
| 131 | Linnet                 | Acanthis cannabina            | Н | ✓ | ~ | ~ |     | ✓                     | ~  | ✓  |
| 132 | Goldfinch              | Carduelis carduelis           | ✓ | ✓ | ✓ | ~ | ✓   | ✓                     | ~  | ✓  |
| 133 | Greenfinch             | Carduelis chloris             | н | ✓ | ✓ |   | ✓   | ✓                     | ~  |    |
| 134 | Serin                  | Serinus serinus               | ✓ | ✓ | ✓ | ~ | ✓   | ✓                     | ~  | ✓  |
| 135 | Hawfinch               | Coccothraustes coccothraustes |   | ✓ |   |   | ✓   |                       |    |    |
| 136 | Reed Bunting           | Emberiza schoeniclus          | ~ | ~ | ~ | ~ |     | ✓                     | ~  | ✓  |
| 137 | Yellowhammer           | Emberiza citrinella           |   |   |   | н | ✓   | ✓                     |    |    |
| 138 | Corn Bunting           | Miliaria calandra             |   |   | ✓ | ~ |     | ~                     | ~  |    |

Mammals (D = dead; S = signs)

| 1 | European Mole         | Talpa europaea        |   |   | D |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---|-----------------------|-----------------------|---|---|---|---|---|---|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2 | Eurasian Otter        | Lutra lutra           |   |   |   |   |   |   |   | $\checkmark$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 3 | European Roe Deer     | Capreolus capreolus   | ✓ | ✓ | ✓ | ✓ | ✓ | ~ | ~ |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 4 | European (Brown) Hare | Lepus europaeus       | ✓ | ✓ | ✓ | ✓ | ✓ | ~ | ~ | <ul> <li>Image: A start of the start of</li></ul> |
| 5 | European Souslik      | Spermophilus citellus |   |   |   |   | ✓ | ~ |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 6 | Eurasian Beaver       | Castor fiber          |   |   |   |   | S | S |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 7 | Muskrat               | Ondatra zibethicus    | ✓ |   |   |   |   |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

Herptiles (H = heard)

|    |                        |                 |   |   |   |   | May |                       |    |    |
|----|------------------------|-----------------|---|---|---|---|-----|-----------------------|----|----|
|    | Common name            | Scientific name | 5 | 6 | 7 | 8 | 9   | 10                    | 11 | 12 |
| 1  | Fire-bellied Toad      | Bombina bombina |   | н | Н |   |     | ✓                     | н  |    |
| 2  | Common Toad            | Bufo bufo       |   |   |   |   | ~   |                       |    |    |
| 3  | Green Toad             | Bufo viridis    |   |   |   |   | ~   |                       |    |    |
| 4  | Common Tree Frog       | Hyla arborea    |   |   |   |   |     |                       | ~  |    |
| 5  | Agile Frog             | Rana dalmatina  |   |   |   |   |     | ~                     |    |    |
| 6  | Water frog spp.        | Rana spp.       |   |   | ✓ |   | ~   | ~                     | ~  | Н  |
| 7  | European Pond Terrapin | Emys orbiculais |   |   |   |   | ~   | ~                     |    |    |
| 8  | Sand Lizard            | Lacerta agilis  |   | ✓ |   |   |     | ~                     |    |    |
| 9  | Lizard sp.             |                 |   |   |   | ✓ |     |                       |    |    |
| 10 | Slow Worm              | Anguis fragilis |   |   |   |   | ✓   |                       |    |    |
| 11 | Grass Snake            | Natrix natrix   |   |   |   |   | ~   | 1                     | ~  |    |
| 12 | Snake sp.              |                 |   |   |   |   |     | <ul> <li>✓</li> </ul> |    |    |

## Butterflies & Moths

| 1  | Swallowtail                     | Papilio machaon          |   | ✓ |   | ✓ |   |                       |          |  |
|----|---------------------------------|--------------------------|---|---|---|---|---|-----------------------|----------|--|
| 2  | Large White                     | Pieris brassica          |   | ✓ |   |   |   |                       |          |  |
| 3  | Small White                     | Artogeia rapae           |   |   |   |   | ~ | ✓                     |          |  |
| 4  | Green-veined White              | Artogeia napi            |   | ✓ |   | ✓ | ~ | ✓                     | ✓        |  |
| 5  | Orange Tip                      | Anthocharis cardamines   |   |   | ✓ |   | ~ | ✓                     |          |  |
| 6  | 'Pale' clouded yellow sp.       | Colis sp.                |   | ✓ | ✓ | ✓ | ~ | <ul> <li>✓</li> </ul> | ✓        |  |
| 7  | Brimstone                       | Gonepteryx rhamni        |   | ✓ | ✓ | ✓ |   |                       |          |  |
| 8  | Wood White                      | Leptidea sinapis         |   | ~ | ~ |   |   |                       |          |  |
| 9  | Green Hairstreak                | Callophrys rubi          |   |   | ✓ |   |   |                       |          |  |
| 10 | Sooty Copper                    | Lycaena tityrus          |   |   |   |   | ~ |                       |          |  |
| 11 | Small Blue                      | Cupido minimus           |   |   | ✓ |   | ~ |                       | ✓        |  |
| 12 | Common Blue                     | Polyommatus icarus       |   |   |   | ~ |   |                       |          |  |
| 13 | Peacock                         | Inachis io               |   |   | ✓ |   | ~ | ~                     |          |  |
| 14 | Red Admiral                     | Vanessa atalanta         |   |   |   |   |   | ✓                     |          |  |
| 15 | Comma                           | Polygonum c-album        |   |   |   |   | ~ |                       |          |  |
| 16 | Map Butterfly                   | Araschinia levana        |   |   | ✓ |   |   | ~                     |          |  |
| 17 | Queen of Spain Fritillary       | Issoria lathonia         |   |   |   |   |   | <ul> <li>✓</li> </ul> |          |  |
| 18 | Small Pearl-bordered Fritillary | Clossiana selene         |   |   | ✓ |   |   |                       |          |  |
| 19 | Glanville Fritillary            | Melitaea cinxia          |   |   | ✓ |   |   |                       | ✓        |  |
| 20 | Small Heath                     | Coenonympha pamphilus    | ✓ |   | ✓ | ✓ | ~ | <ul> <li>✓</li> </ul> | <b>√</b> |  |
| 21 | Speckled Wood                   | Parage aegeria           |   |   |   |   | ~ |                       |          |  |
| 22 | Wall Brown                      | Lasiommata megera        |   |   |   | ✓ |   |                       | <b>√</b> |  |
| 23 | Grizzled Skipper                | Pyrgus malvae            |   |   | ✓ | ✓ |   |                       | ✓        |  |
| 24 | Dingy Skipper                   | Erynnis tages            | ✓ |   | ✓ | ✓ |   |                       |          |  |
| 26 | Burnet Companion                | Euclida glyphica         |   | ✓ |   |   |   | <ul> <li>✓</li> </ul> |          |  |
| 27 | Speckled Yellow                 | Pseudopanthera macularia |   | ✓ |   |   |   |                       |          |  |
| 28 | Heart and Dart                  | Agrotis exclamationis    |   | ✓ |   |   |   |                       |          |  |
| 29 | Common Heath                    | Ematurga atomaria        |   |   | ✓ |   |   | ✓                     |          |  |
| 30 | Small Grass Emerald             | Chlorissa viridata       |   |   |   | ✓ |   |                       |          |  |
| 31 | Black-veined Moth               | Siona lineata            |   |   |   |   |   |                       | ✓        |  |
| 32 | Clouded Border                  | Lomaspilis marginata     |   |   | ✓ |   |   |                       |          |  |

## Dragonflies

| 1 | Banded Demoiselle    | Calopteryx slendens |   | ✓ | ✓ | ✓ |  |
|---|----------------------|---------------------|---|---|---|---|--|
| 2 | Common Winter Damsel | Sympecma fusca      | ✓ | ~ |   |   |  |
| 3 | Azure Damselfly      | Coenagrion puella   |   |   | ✓ |   |  |

|    |                              |                          |   |   |   |   | May |    |    |    |
|----|------------------------------|--------------------------|---|---|---|---|-----|----|----|----|
|    | Common name                  | Scientific name          | 5 | 6 | 7 | 8 | 9   | 10 | 11 | 12 |
| 4  | Variable Damselfly           | Coenagrion puella        | ✓ | ✓ | ✓ | ✓ |     | ~  |    | ✓  |
| 5  | Common Blue Damselfly        | Enallagma cyathigerum    |   |   |   |   |     |    | ~  |    |
| 6  | Blue-tailed Damselfly        | Ischnura elegans         |   |   | 1 |   | ~   | ~  |    |    |
| 7  | Scarce Blue-tailed Damselfly | Ischnura pumilio         | ✓ |   |   |   |     |    |    |    |
| 8  | Red-eyed Damselfly           | Erythromma najas         |   |   |   |   |     | ~  |    |    |
| 9  | White-legged Damselfly       | Platycnemis pennipes     |   |   |   |   | ~   |    |    |    |
| 10 | Green-eyed (Norfolk) Hawker  | Aeshna isoceles          |   | ✓ |   | 1 |     | ~  | ~  |    |
| 11 | Hairy Dragonfly              | Brachytron pratense      |   | ✓ | 1 | 1 |     | ~  | ~  |    |
| 12 | Common Clubtail              | Gomphus vulgatissimus    |   |   |   |   | ~   |    |    |    |
| 13 | Downy Emerald                | Cordulia aenea           |   |   |   |   | ~   | ✓  |    |    |
| 14 | Eurasian Baskettail          | Epitheca bimaculata      |   |   |   |   | ~   | ✓  |    |    |
| 15 | Yellow-spotted Whiteface     | Leucorrhinia pectoralis  | ✓ |   |   |   |     |    |    |    |
| 16 | Scarce Chaser                | Libellula fulva          |   |   |   |   |     |    | ✓  |    |
| 17 | Four-spotted Chaser          | Libellula quadrimaculata | ✓ | ✓ | ✓ | ✓ | ✓   | ✓  | ✓  | ✓  |
| 18 | Black-tailed Skimmer         | Orthetrum cancellatum    |   | ✓ |   |   |     |    | ~  |    |

## Other Invertebrates (H = heard only)

| 1  | Field Cricket             | Gryllus campestris            | Н | н | Н | Н | Н | Н                     | н |
|----|---------------------------|-------------------------------|---|---|---|---|---|-----------------------|---|
| 2  | Bush-cricket sp.          | Tettigoniidae                 |   |   |   | ~ |   |                       |   |
| 3  | Red & black shieldbug     | Graphosoma italicum           |   |   | ✓ |   |   |                       |   |
| 4  | Fire Bug                  | Pyrrhocoris apterus           |   |   |   | ✓ |   |                       |   |
| 5  | Red & Black Froghopper    | Cercopis vulnerata            |   | ✓ |   | ✓ | ✓ |                       |   |
| 6  | Scorpion-fly sp.          | Mecoptera                     |   |   | ✓ |   |   | <ul> <li>✓</li> </ul> |   |
| 7  | Horse fly spp.            | Tabanidae                     |   |   |   |   | ✓ | <ul> <li>✓</li> </ul> |   |
| 8  | Paper Wasp                | Polistes gallicus             |   | ✓ |   |   |   |                       |   |
| 9  | Violet Carpenter Bee      | Xylocopa violacea             |   |   |   |   |   | <ul> <li>✓</li> </ul> | × |
| 10 | Cockchafer                | Melonotha melonotha           |   |   |   | ✓ | ✓ | <ul> <li>✓</li> </ul> |   |
| 11 | A rose chafer             | Cetonia aurata                |   | ✓ |   |   | ✓ |                       |   |
| 12 | A rose chafer             | Cetonia cupraea               |   | ✓ |   |   |   |                       |   |
| 13 | A large chafer beetle     | Cetonia aeruginosa            |   |   |   |   | ✓ |                       |   |
| 14 | Common Red Soldier Beetle | Rhagonyncha fulva             |   |   | ✓ |   |   |                       |   |
| 15 | A soldier beetle          | Cantharis livida              |   |   |   |   | ✓ |                       |   |
| 16 | A soldier beetle          | Cantharis rustica             |   |   |   | ~ |   |                       |   |
| 17 | Cardinal Beetle           | Pyrochroa coccinea            |   |   |   |   | ✓ |                       |   |
| 18 | Seven-spot Ladybird       | Coccinella septempunctata     |   |   |   | ~ |   | <ul> <li>✓</li> </ul> |   |
| 19 | Chequered Beetle          | Trichodes alvearius           |   |   |   |   |   |                       | × |
| 20 | A longhorn beetle         | Agapanthea villosoviridescens |   |   |   |   |   | <ul> <li>✓</li> </ul> |   |
| 21 | A weevil                  | Phyllobius pomaceus           |   |   |   |   | ✓ |                       |   |
| 22 | A click beetle            | Athous haemorrhoidalis        |   |   | ✓ |   |   |                       |   |
| 23 | A rove beetle             | Paederus littoralis           |   |   |   | ~ |   |                       |   |
| 24 | A crab spider             | Misumena vatia                |   |   | ✓ |   |   |                       |   |
| 25 | A crab spider             | Xysticus cristatus            |   |   | ✓ |   |   |                       |   |
| 26 | A spider                  | Micrommata virescens          |   |   |   |   |   | <ul> <li>✓</li> </ul> |   |
| 27 | Leech sp.                 | Hirudinea                     |   |   |   |   |   | ✓                     |   |
| 28 | Leopard Slug              | Limax maximus                 |   | ~ |   |   |   |                       |   |
| 29 | Roman Snail               | Helix pomatia                 |   |   |   | ~ |   | ✓                     |   |
| 30 | Banded snail sp.          | Cepaea sp.                    |   | ✓ |   |   |   | ✓                     |   |
| 31 | Water flea                | Daphnia sp.                   |   |   | 1 |   |   |                       |   |

**Higher Plants** 

|          |                           |                            |                       |          |                       |                       | May                   |                       |                       |          |
|----------|---------------------------|----------------------------|-----------------------|----------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------|
|          | Common name               | Scientific name            | 5                     | 6        | 7                     | 8                     | 9                     | 10                    | 11                    | 12       |
| 1        | Carthusian Pink           | Dianthus carthusianorum    | ✓                     | ✓        | ✓                     | ✓                     | ✓                     |                       | ✓                     |          |
| 2        | Cypress Spurge            | Euphorbia cyperisias       | ✓                     | ✓        |                       | ✓                     |                       |                       | ✓                     |          |
| 3        | Dragon's Teeth            | Tetragonolobus maritimus   | ✓                     | ✓        | ✓                     | ✓                     |                       |                       | ~                     |          |
| 4        | Austrian Sage             | Salvia austriaca           | ✓                     | ✓        | ✓                     | ✓                     | ✓                     | ✓                     | ✓                     |          |
| 5        | Sprawling Speedwell       | Veronica prostrata         | ✓                     |          | ✓                     | ✓                     |                       |                       | ✓                     |          |
| 6        | Green-winged Orchid       | Anacamptis morio           | <ul> <li>✓</li> </ul> | ✓        | ✓                     |                       |                       |                       |                       |          |
| 7        | Military Orchid           | Orchis militaris           | <ul> <li>✓</li> </ul> | ✓        | ~                     | ~                     |                       |                       | ~                     |          |
| 8        | Early Spider Orchid       | Ophrys sphegodes           | <ul> <li>✓</li> </ul> |          | 1                     |                       |                       |                       |                       |          |
| 9        | Angular Solomon's-seal    | Pologonatum odoratum       |                       | ✓        |                       | 1                     | ~                     |                       |                       |          |
| 10       | Field Scabious            | Knautia arvensis           |                       | ✓        |                       | ✓                     |                       |                       | ~                     |          |
| 11       | Musk Thistle              | Carduus nutans             |                       | ✓        |                       | 1                     |                       |                       |                       |          |
| 12       | Wild Asparagus            | Asparagus officinalis      |                       | ✓        |                       |                       |                       |                       | ~                     |          |
| 13       | Yellow Rattle             | Rhinanthus minor           |                       | ✓        |                       | 1                     |                       |                       | ~                     |          |
| 14       | Burdock sp.               | Arctium sp.                |                       |          | ✓                     |                       | <ul> <li>✓</li> </ul> |                       |                       |          |
| 15       | Celery-leaved Buttercup   | Ranunculus sceleratus      |                       |          | <ul> <li>✓</li> </ul> |                       |                       |                       |                       |          |
| 16       | Elder                     | Sambucus nirar             | _                     |          | <ul> <li>✓</li> </ul> | <b>√</b>              | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> | ~                     |          |
| 17       | Flax sp.                  | Linum sp.                  |                       |          | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> | ~                     |                       | ~                     |          |
| 18       | Kidney Vetch              | Anthyllis vulnereria       | _                     |          | <ul> <li>✓</li> </ul> |                       |                       |                       | 1                     |          |
|          | Purple Mullein            | Verbascum phoeniceum       |                       |          | ·<br>•                | <ul> <li>✓</li> </ul> |                       |                       |                       | -        |
| 19       | Quaking Grass             | Briza media                |                       |          | ·<br>•                | •                     |                       |                       |                       | -        |
| 20       |                           |                            | _                     |          | ·<br>✓                | <ul> <li>✓</li> </ul> |                       |                       | <b>√</b>              |          |
| 21       | Rose sp.                  | Rosa sp.                   |                       |          | ▼<br>✓                | ▼<br>✓                |                       |                       | v                     | -        |
| 22       | Salad Burnet              | Sanguisorba minor          |                       |          | •                     |                       |                       |                       |                       |          |
| 23       | Broomrape sp.             | Orobanche sp.              | _                     |          |                       | <ul> <li>✓</li> </ul> |                       |                       |                       |          |
| 24       | Comfrey sp.               | Symphytum sp.              |                       |          |                       | <ul> <li>✓</li> </ul> | ✓                     | ✓                     |                       | <u> </u> |
| 25       | Duke of Argyll's Teaplant | Lycium barbarum            |                       |          |                       | <ul> <li>✓</li> </ul> |                       |                       | <ul> <li>✓</li> </ul> | <u> </u> |
| 26       | Field Eryngo              | Eryngium campestre         |                       |          |                       | <ul> <li>✓</li> </ul> |                       |                       | ✓                     |          |
| 27       | Field Fleawort            | Tephroseris integrifolia   | _                     |          |                       | ✓                     |                       |                       |                       |          |
| 28       | Grape Hyacinth            | Muscari neglectum          |                       |          |                       | ✓                     |                       |                       |                       |          |
| 29       | Greater Celandine         | Chelidonium majus          |                       |          |                       | ✓                     | ✓                     | ļ                     |                       |          |
| 30       | Hoary Plantain            | Plantago media             |                       |          |                       | ✓                     |                       |                       |                       |          |
| 31       | Iris sp.                  | Iris pumila(?)             |                       |          |                       | ✓                     |                       |                       |                       |          |
| 32       | Honeywort                 | Cerinthe minor             |                       |          |                       | ✓                     |                       |                       |                       |          |
| 33       | Lady's Bedstraw           | Galium verum               |                       |          |                       | ✓                     |                       |                       | ✓                     |          |
| 34       | Long-headed Clover        | Trifolium incarnatum       |                       |          |                       | ✓                     |                       |                       |                       |          |
| 35       | Mountain Clover           | Trifolium montanum         |                       |          |                       | ✓                     |                       |                       |                       |          |
| 36       | Ox-eye Daisy              | Leucanthemum vulgare       |                       |          |                       | ✓                     | ✓                     | ✓                     | ✓                     |          |
| 37       | Pineappleweed             | Matricaria discoidea       |                       |          |                       | ✓                     |                       |                       |                       |          |
| 38       | Small Pasque Flower       | Pulsatilla pratensis       |                       |          |                       | ~                     |                       |                       |                       |          |
| 39       | Spindle                   | Euomymus europaeus         |                       |          |                       | ✓                     | ✓                     |                       |                       |          |
| 40       | Star-of Bethlehem         | Ornithogalum angustifolium |                       |          |                       | ✓                     | ~                     |                       | ~                     |          |
| 41       | Strawberry sp.            | Fragaria sp.               |                       |          |                       | ~                     | ✓                     |                       |                       |          |
| 42       | Tufted Vetch              | Vicia cracca               |                       |          |                       | ~                     |                       |                       |                       |          |
| 43       | Weld                      | Reseda luteola             |                       |          |                       | ~                     |                       |                       | ~                     |          |
| 44       | Wild Teasel               | Dipsacus fullonum          |                       | <u> </u> | 1                     | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> | ✓                     | ~                     | <u> </u> |
| 45       | Wild Thyme                | Thymus praecox             |                       | <u> </u> | 1                     | <ul> <li>✓</li> </ul> |                       | 1                     |                       | <u> </u> |
| 46       | Bugle                     | Ajuga reptans              |                       |          |                       |                       | ✓                     |                       |                       |          |
| 40       | Corncockle                | Agrostemma githago         |                       | -        | -                     |                       | ✓                     | -                     |                       | -        |
| 47       | Cornflower                | Centauea cyanus            |                       | -        | -                     |                       | <ul> <li>✓</li> </ul> | -                     |                       | -        |
| 40       | Field Pansy               | Viola arvensis             |                       | -        | -                     |                       | ✓                     |                       |                       | -        |
| 49<br>50 | Guelder Rose              | Viburnum opulus            |                       | -        |                       |                       | ·<br>•                | <ul> <li>✓</li> </ul> |                       |          |
| 50<br>51 | Henbane                   | Hyoscyamus niger           | _                     |          |                       |                       | ▼<br>✓                | •                     |                       | <u> </u> |

|    |                    |                         | Мау |   |   |   |   |                       |                       |    |  |  |
|----|--------------------|-------------------------|-----|---|---|---|---|-----------------------|-----------------------|----|--|--|
|    | Common name        | Scientific name         | 5   | 6 | 7 | 8 | 9 | 10                    | 11                    | 12 |  |  |
| 52 | Horse Chestnut     | Aesculus hippocastaneum |     |   |   |   | ✓ |                       |                       |    |  |  |
| 53 | Marsh Spurge       | Euphorbia palustris     |     |   |   |   | ✓ |                       |                       |    |  |  |
| 54 | Purple Toadflax    | Linaria purpurea        |     |   |   |   |   | ✓                     |                       |    |  |  |
| 55 | Summer Snowflake   | Leucojum aestivum       |     |   |   |   | ~ |                       |                       |    |  |  |
| 56 | Wild Service Tree  | Sorbus torminalis       |     |   |   |   | ~ |                       |                       |    |  |  |
| 57 | Field Horsetail    | Equisetum arvense       |     |   |   |   |   | <ul> <li>✓</li> </ul> |                       |    |  |  |
| 58 | Greater Stitchwort | Stellaria holostea      |     |   |   |   |   | ~                     |                       |    |  |  |
| 59 | Greater Pond Sedge | Carex riparia           |     |   |   |   |   | <ul> <li>✓</li> </ul> | <ul> <li>✓</li> </ul> |    |  |  |
| 60 | Нор                | Humulus lupulus         |     |   |   |   |   | <ul> <li>✓</li> </ul> |                       |    |  |  |
| 61 | Lesser Stitchwort  | Stellaria graminea      |     |   |   |   |   | ~                     |                       |    |  |  |
| 62 | Ragged-Robin       | Lychnis flos-cuculi     |     |   |   |   |   | ~                     |                       |    |  |  |
| 63 | Yellow Flag        | Iris pseudacorus        |     |   |   |   |   | ~                     |                       |    |  |  |
| 64 | Hop Trefoil        | Trifolium campestre     |     |   |   |   |   |                       | ✓                     |    |  |  |

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