

Hungary in Summer

Naturetrek Tour Report

6 - 13 August 2019



Giant Looper - *Ascotis selenaria*



Carlina vulgaris subsp. *vulgaris*



Staphylea pinnata



Queen of Spain Fritillary

Report & images by Gerard Gorman & Paul Harnes.



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Tour participants: Paul Harmes (Leader) & Gerard Gorman (Local Guide) with six Naturetrek clients .

Day 1

Tuesday 6th August

Fly Heathrow to Budapest – Transfer to the Kiskunsag Area

Four group members met with Paul at London's Heathrow Terminal 3 for the 8.45am British Airways flight BA866 to Budapest Ferenc Liszt International Airport.

On arrival we completed immigration formalities, collected our luggage and made our way to the arrivals hall where we were met by Gerard, our local guide, and the remaining two group members, who had arrived from Manchester. Before very long, we had loaded our luggage into the minibus, and we were on our way south towards the Kiskunsag National Park. After about half an hour, as we approached the village of Ocsa, we made a stop for a light lunch, in the forest at the Selyem-reti nature trail. Along the way we saw a circling flock of about 25 White Storks.

Whilst eating, we noted Common and Ruddy Darter Dragonflies and a couple of Holly Blue butterflies. Plants included *Solidago canadensis* (Canadian Goldenrod), *Erigeron annuus* (Annual Fleabane), *Viburnum opulus* (Guelder-rose) and *Euonymus europaea* (Spindle). After eating, we took a short walk along a sunny track, where butterflies were feeding. These included Map Butterfly, Comma, Silver-washed Fritillary, Meadow Brown, Small White, Brimstone, Common Glider and Nettle-tree Butterfly.

Moving on south, we made a comfort and refreshment stop at Dabas, before moving on to a sandy woodland margin, just outside Tatárszentgyörgy. As we went, we noted *Elaeagnus angustifolia* (Russian Olive) and *Ailanthus altissimus* (Tree-of-Heaven) along the roadsides. Common Blue and Dryad butterflies were recorded, in particular the former species, with about a dozen individuals seen. *Consolida regalis* (Forking Larkspur), *Plantago indica* (a branched Plantain), *Scabiosa ochroleuca* (Yellow Scabious) and the pernicious Milkweed, *Asclepia syriaca* were all present.

As the skies began to darken, threatening rain, we made the short journey to our hotel, the Salos Puszta, arriving just after 5pm. Barn Swallows and House Martins were present in good numbers and Bee-eaters could be heard.

After an early dinner, Gerard outlined the next days programme, and Paul set up the moth trap.

Day 2

Wednesday 7th August

Upper Kiskunsagi National Park – Apaj canal & fishponds

At 6am, a number of group members met with Paul, to check to moth trap and identify the catch. Blood-vein, Swallow Prominent, Marbled White-spot, Yellow-tail, Least Carpet, Scorched Carpet and Sharp-angled Peacock moth were all recorded for the macros, and European Corn-borer, the Crambid *Catoptria falsella*, Pyralid *Synaphe punctalis* and Garden Grass Veneer for the micros. Other insects in the trap were a Brown Marmorated Stink Bug and Harlequin Ladybird. Birds recorded in the hotel grounds included Lesser Spotted Woodpecker, Golden Oriel, Syrian Woodpecker and European Bee-eater.

Following breakfast, we joined the vehicle at 8.30am and left the hotel, heading in a north-westerly direction, making a brief stop in the village of Kunpeszer, to buy our picnic. Along the way Yellow-legged Gull, Red-backed Shrike and Hooded Crow were seen. Leaving the village, we headed north into an area of extensive grasslands around Erzsebetmajor, where we made two stops to explore. The first was along the margins of a Lucerne crop. Here we found Latticed Heath, Burnet Companion and Marbled Clover moths and Clouded Yellow, Silver-studded and Common Blue butterflies. Stonechat, Common Kestrel and Barn Swallow were also recorded. At the second stop, a mile or so up the lane, a couple of groups of Great Bustards, some 25 birds in all, were spotted feeding. All group members had good scoped and in-flight views. Common Kestrel and Marsh Harrier were also seen, as well as *Eryngium campestre* (Field Eryngo), *Robinia pseudacacia* (False Acacia), *Tribulus terrestris* and *Ailanthus altissima* (Tree-of-Heaven). Chestnut Heath and Painted Lady butterflies, were also noted.

Moving on, we headed north, making a short stop in an area of relic sand dunes, by a farm. On a fence we spotted a Little Owl. There were also House Martins, Barn Swallow, Magpie, Great Spotted Woodpecker, Goldfinch and good numbers of Bee-eaters. Any movement in the grass disturbed numerous Rose-banded Wave moths, and we also saw *Carduus crispus* (Wetted Thistle), *Onopordum acanthium* (Cotton Thistle), *Portulaca oleracea* (Common Purslane), *Marrubium peregrinum* (a Horehound) and *Malva neglecta* (Small Mallow).

We now continued towards the town of Apaj where we stopped for refreshments before continuing north to the Apaj canal and fishponds. Along the way we saw European Roller, Tree Sparrow, Purple Heron, Little Bittern, two Great Egrets and eight Grey Herons. A short stop produced a solitary Wood Sandpiper, Mallard and Spoonbill, as well as Large Copper and Small White butterflies, Marsh and Edible Frogs and some nice plants, including *Butomus umbellatus* (Flowering Rush), three species of Bulrush (*Typha latifolia*, *T. angustifolia* and *T. minima*).

We now continued on to a quiet, dead-end track, by the edge of a Carp pond, overlooking some rough grazing pasture, where we set up our picnic in the shade of some Poplar trees. Whilst eating, the wildlife continued to hold our attention. Swallowtail and Common Blue butterflies, White-tailed and Black-tailed Skimmers and Ruddy and Common Darter dragonflies, Spoonbills, a mixed flock of Hooded Crows and Rooks and Great Cormorant were all noted, but it was a juvenile Eastern Imperial Eagle which caught our attention, followed fairly quickly by three White-tailed Eagles, one adult and two sub-adults.

Moving back, we now followed the Apaj canal in an easterly direction, making another stop near a bridge. Almost immediately, we disturbed a Black-crowned Night Heron, and it was not too long before we added Black and White Storks, Marsh Harrier and Little Egret. Small Skipper, Small White butterflies were also present, along with *Arctium tomentosum* (a Burdock), *Centaurea diffusa* (a white Knapweed), *Rumex hydrolapathum* (Great Water Dock) and *Eryngium campestre* (Field Eryngo).

One of the larger fishponds produced Mute Swan, Great Cormorant, Great Crested Grebe, Ferruginous Duck, Purple Heron, Whiskered Tern, Lapwing, Coot, Eastern Greylag Goose, Red-crested Pochard, Little Egret, Marsh Harrier and a fly-over from a Bittern. Plants found were *Lathyrus tuberosus* (Tuberous Pea), *Lycopus europaeus* (Gypsywort), *Lotus tenuis* (Narrow-leaved Bird's-foot Trefoil), *Lotus maritimus* (Dragon's Teeth), *Trifolium fragiferum* (Strawberry Clover) and *Rumex hydrolapathum* (Great Water Dock).

On our way back to the hotel, we recorded two European Hares, Red-backed Shrike and Lesser Grey Shrike.

An inspection of the lights in the hotel grounds, after dark, produced Red Underwing, Blood-vein, Single-dotted Wave, Geometrician, Double-line, Giant Looper and Garden Grass Veneer

Day 3

Thursday 8th August

Upper Kiskunsagi National Park – Kunszentmiklos – Apaj Fishponds.

Looking around the hotel grounds in the early morning, produced the dark form of Peppered Moth, Riband Wave, Giant Looper, Small Engrailed and Snout moths. Birds included Green Woodpecker, Black Redstart, Golden Oriole, House Martin and Barn Swallow.

After breakfast, we made our way south towards Kunszentmiklos, stopping to the northeast of the town to explore the riverbanks and pastures. As we went, we noted European Roller, White Stork, Marsh Harrier and Barn Swallows. Sparrowhawk, Kestrel, Short-toed Snake Eagle, Skylark and Yellow-legged Gull were seen, as well as the Pyralid moth *Oncocera semirubella*. The river had *Hydrocharis morsus-ranae* (Frogbit) and *Salvinia natans* (Floating Fern), whilst in the pasture we added *Erodium cicutarium* (Common Stork's-bill), *Eryngium campestre* (Field Eryngo), *Carlina vulgaris* subsp. *vulgaris* (Carlina Thistle) and *Petrorhagia prolifera* (Proliferous Pink). Painted Lady and Small Heath butterflies were also present.

We stopped in Kunszentmiklos for morning coffee, before making our second stop of the day to the south of the town, at Nyakvago. Here the extensive grassland produced a number of Montagu's Harriers and some great views of Red-backed Shrike. In addition, we also saw Burnet Companion, Rose-banded Wave, Spotted Sulphur and Marbled Clover moths, as well as Chestnut Heath, Pale Clouded Yellow and Lesser Fiery Copper butterflies. *Cannabis sativa* (Hemp) was a persistent weed and there was also *Scabiosa ochroleuca* (Yellow Scabious) and *Ballota nigra* (Black Horehound).

We now headed back north and again passed through Kunszentmiklos, taking the road to the north-west of the town, making our next stop in more grasslands and Lucerne crops. Before we had parked, we spotted a pair of Roe Deer feeding and resting in the crops, which had Pale Clouded Yellow, Eastern Bath White and Adonis Blue butterflies. For the birders, there were Red-footed Falcons, Red-backed Shrike, Marsh Harrier, European Roller, Northern Wheatear and Hooded Crow, but the star of the morning was a solitary Saker Falcon performing aerial acrobatics at quite close quarters, and everyone had great views.

We took lunch in Apaj before ending the day exploring another area within the Apaj Fishponds. Little Grebe, Squacco Heron, Whiskered Tern, Moorhen and Mallard were noted at our first stop, together with *Alisma plantago-aquatica* (Water Plantain), *Malva sylvestris* (Common Mallow), *Lathyrus tuberosus* (Tuberous Pea) and *Datura stramonium* (Thorn-apple), as well as Small White butterfly.

A second stop, near an elevated hide, produced Sand Martin, Coot, Ferruginous Duck, Mute Swan, Eastern Greylag Goose, Great Crested Grebe, Purple Heron and, curiously, a Hoopoe. However, the highlight was a small group of Penduline Tits, which showed very well.

On the return journey to the hotel, we had some good views of European Souslik, a Ground Squirrel.

After supper, we heard two Tawny Owls, and located Small Engrailed, Puss Moth, Least Carpet and Giant Looper moths around the hotel lights.

Day 4

Friday 9th August

Transfer from the Kiskunsagi to the Hortobagy National Park – Lake Tisza

By 8.30am the vehicle was packed with our luggage, and we said our farewells to the Salos Puszta Hotel and set off for the town of Bugyi. To the south of the town we made two stops, finding Common Pheasant, Common Wood Pigeon, European Roller, Red-backed Shrike, Golden Oriole, Common Buzzard, Tawny Pipit, Crested Lark, Great Bustard, Bee-eaters, Marsh Harrier, Lapwing and Stonechat. In addition, there were also Painted Lady, Small Heath, Meadow Brown, Comma, Eastern Bath White, Adonis Blue and Large White butterflies, Sand Lizard and European Souslik.

Following morning coffee in Bugyi, we joined the E71 motorway eastwards, heading for the town of Tiszafured. Along the way we recorded Common Buzzard, Great Egret, Common Kestrel, Marsh Harrier, White Wagtail and White Stork.

Just before the town, we turned left and made our way along the north-west shore of Lake Tisza, stopping in two locations to explore. Purple Heron, Red-footed Falcon, Black-headed Gull, Black-crowned Night Heron, Squacco Heron, Sand Martin and Whiskered Tern were all seen, as well as Chestnut Heath, Pale Clouded Yellow, Eastern Short-tailed Blue, Short-tailed Blue and Painted Lady butterflies. Moth species were also seen: Brown China-mark, Small China-mark and Garden Grass Veneer for the micros, and Silver-Y for the macros. The grassy margins of the lake had *Glycyrrhiza echinata* (Chinese Liquorice), *Althaea officinalis* (Marsh Mallow), *Salvia nemorosa* (Balkan Clary) and *Jacobaea aquatica* (Marsh Ragwort).

In the late afternoon, we made our way to the Nadas Panzio Guesthouse in Tiszafured, where we checked in. After a little relaxation time, we made our way out to a local restaurant for dinner.

Day 5

Saturday 10th August

Hortobagi National Park – Egyek – Near Tiszacsege – Ohat Fishponds

After breakfast, we set off towards Egyek and the Tiszadorogma Ferry. Just short of the crossing, we stopped to explore a quiet wooded lane verge, arable margins and an oxbow lake. Along the way White Stork, Collared Dove, Bee-eater, Tree Sparrow and Golden Oriole were seen.

In the morning sunshine, day-flying moths and butterflies were now on the move, with Rose-banded Wave, Lewes Wave, Silver-Y and Common Heath moths, and Small Skipper, Mallow Skipper, Wood White, Small White, Common Glider and Speckled Wood all seen. For the birds, there were Lesser Whitethroat, Common Nightingale, Great Spotted Woodpecker, Black-crowned Night Heron, Whiskered Tern and White-tailed Eagle, and the grassy banks had *Aristolochia clematitis* (Birthwort) growing in good sized patches.

We now walked up towards the Ferry, on the River Tisza. Along the bank we found Lesser Purple Emperor [f. *chyle*], Common Glider, Small Skipper and Speckled Wood butterflies.

Re-joining our vehicle, we and made our way eastwards through Tiszacega, turning right onto the road to Balmazújvaros, stopping to explore the banks of the Nyugati-focsatorna Canal. Along the way we recorded three Rollers and a small flock of Starlings. The canal margins had *Stachys palustris* (Marsh Woundwort), and a massive quantity of the invasive *Amorpha fruticosa* (Desert False Indigo), which proved attractive to insects. These included Marmalade Hover-fly and Migrant Hawker dragonflies, as well as Large Copper, Small White, Red Admiral, Idas Blue, Holly Blue, Scarce Swallowtail and Lesser Fiery Copper butterflies. We also found more Rose-banded Waves and the Crambid *Sclerocona acutella*. Nothing new on the bird front was seen.

We now made our way to a picnic site under some oaks, on the road Ohat, near Egyek, where our leaders set up lunch, in the shade. Whilst we ate, we were entertained by swallows and two Rollers, feeding from their vantage points on an overhead electric line. We also found the caterpillars of Oak Processionary Moths, Hornet, Nose Grasshopper and Oak Weevil. In addition, there were also Swallowtail, Meadow Brown and Scarce Swallowtail butterflies, and Oblique Striped and Blood-vein moths.

After our lunch, we continued down to Ohat, where we explored the margins of the Carp fishponds. Whiskered Tern, Yellow-legged Gull, Marsh Harrier, Mallard, Great Crested Grebe, Moustached Warbler, Lapwing, Curlew and Purple Heron were all seen, as well as a Muskrat. Bearded Reedling and Savi's Warbler were heard. Day-flying moths included Barred Silver and Four-spotted, and butterflies were represented by Mallow Skipper.

We now made our way back to Tiszafured, to freshen up, before going off to dinner.

Day 6

Sunday 11th August

Transfer to the Bukk Hills - N of Cserepfalu

Early morning birders reported Blackbird, Red-backed Shrike, Black Redstart and Great Spotted Woodpecker. After breakfast, we bid farewell to the Hortobagy National Park, making our way north-west towards Borsodivanka, where we stopped to see if Long-eared Owls were yet beginning to roost in groups in the trees. As we went, we recorded Mallard, Grey Heron, Great Cormorant, Black-headed Gull, House Sparrow, White Stork, Collared Dove, Feral Pigeon, Barn Swallow, House Martin, Hooded Crow, Roller, Marsh Harrier, European Bee-eater and White Wagtail. In Borsodivanka, we checked out the trees where the birds are known to roost, but we did not find any. We did, however, find Goldfinch, House Martin and Starling.

The bus now made its way eastwards to Negyes and north to Szentistvan. Common Kestrel, Red-backed Shrike, Lesser Grey Shrike, Turtle Dove and Lapwing, were seen as we went. We made a second stop to look for the Owls. This time we were lucky in finding two trees with several birds roosting, and good views we had by all group members, before we continued towards another of Hungary's extensive National Parks, the Bukk Hills.

Making our way over the M3 motorway, we made a mid-morning stop at the Hor-patak reservoir. Here, we saw Black-winged Stilt, Common Sandpiper, Caspian Gull, Common Greenshank, Wood Sandpiper, Squacco Heron and Teal. Marginal vegetation included *Veronica anagallis-aquatica* (Blue Water Speedwell), *Persicaria hydropiper* (Common Water-pepper), *Verbascum nigrum* (Dark Mullein) and *Tribulus terrestris*. Lots of insects were active too, among them Lesser Purple Emperor, Amanda's Blue, Small Copper, Meadow Brown, Painted Lady, Common Blue, Silver-studded Blue and Eastern Short-tailed Blue butterflies and Four-spotted Chaser and Lesser Emperor dragonflies.

For our next stop of the day, we drove north to an area of grassy clearings among trees and on quiet roadside to north of Cserepfalu. This was a particularly well-known spot for butterflies; we were not disappointed. Small Pearl-bordered Fritillary, Silver-washed Fritillary, male and female Dryads, Niobe Fritillary, Duke of Burgundy Fritillary, Common Glider, Map Butterfly, Large White, Comma, Great Banded Grayling, Wood White, Silver-studded Blue, Small Copper, Chestnut Heath, Swallowtail and Queen of Spain Fritillary, were all seen. For the birders, there were a pair of Eastern Imperial Eagles and Green Woodpecker. We also took a late lunch here.

The final leg of the journey was to the village of Nosvaj, via an area of vineyards near Tard. However, nothing new was seen here so we continued on to Hotel Sikfokut. Quickly, we were allocated rooms, and this left us time for a little local exploration before meeting for dinner.

Day 7

Monday 12th August

Hor Valley – Bogacs – Szolocske Forest

After breakfast we made our way through the villages of Bogacs and Cserepfalu, stopping by the visitor centre at the south end of the Hor Valley. The birders continued with Gerard, in search of the elusive White-backed Woodpecker, whilst the remaining group members set off to spend the morning exploring the valley, with Paul. The habitat comprised a good track, wooded hillsides and tracksides, a quarry and some grassy meadows. The Hor stream runs right down the length of the valley. Our first stop was in a small quarry, which acted as a suntrap, and produced Wood White, Meadow Brown, Small White and Large White butterflies, as well as *Allium luteum* (Yellow Onion), *Sempervivum globiferum* (a Houseleek) and *Allium suaveolens* (Fragrant Leek). Trackside vegetation included *Scabiosa ochroleuca* (Yellow Scabious), *Galeopsis tetrahit* (Common Hemp-nettle), *Echinops* sp. (a Globe Thistle) and *Euonymus europaeus* (Spindle), which attracted numerous insects. Small White, Holly Blue, Meadow Brown, Woodland Grayling, Chalk-hill Blue butterflies, and Harlequin Ladybird, Hummingbird Hawk-moth, White-tailed Bumble Bee, and Honey Bee were among them.

A second quarry produced some splendid specimens of Chalk-hill Blue as well as Silver-washed Fritillary, Queen of Spain Fritillary, Chequered Blue, Adonis Blue, Chestnut Heath, Eastern Short-tailed Blue, Dingy Skipper and Woodland Grayling. In addition, we found Nose Grasshopper, Beautiful Demoiselle, Praying Mantis and a black Bee-fly. At this point, we were re-joined by the birders, who had had a great morning with superb, prolonged views of White-backed Woodpeckers, a female and chick, feeding on the ground.

We now began to make our way back to the Visitor's Centre for refreshments. Following coffee, we headed south to some woodland at Bogacs, adjacent to a disused drive-in cinema, where we set up lunch, under the trees. Wood Pigeon, Great Spotted Woodpecker, Jay, Marsh Tit, Blackcap and Treecreeper were all seen, and Common Buzzard, European Bee-eater and Hawfinch were all heard. Once again, we had found a spot where the insect life was diverse. Chestnut Heath, Map Butterfly, Meadow Brown, Small White, Silver-washed Fritillary, Red Admiral, Wood White, Small Fiery Copper and Weaver's Fritillary butterflies were recorded, together with Hornet Hover-fly, Ruddy darter Dragonfly and the Shield Bug *Graphosoma lineatum*.

Our last stop of the day was in an area of Oak forest, near Szolocske, behind Nosvaj. Our main objective here was to try to get better views of Middle Spotted Woodpecker which, up until now, had only provided fleeting glimpses. We were not disappointed, with several good views of the bird for all group members. In addition, there were Willow Tit and Nuthatch, before it was time to return to the hotel to pack before dinner.

Day 8

Tuesday 13th August

Transfer to Budapest Airport – Fly London

Around the hotel this morning we saw Long-tailed Tit, Lesser Spotted Woodpecker and Nuthatch, as well as Snout and Spectacle moths.

After breakfast, with luggage packed, we bid farewell to our hosts, and departed the hotel for the drive back to Budapest for our homeward flights. Along the way we recoded Raven, Barn Swallow, Common Kestrel, Turtle Dove, Common Buzzard, Stonechat, Red-backed Shrike, Wood Pigeon and Collared Dove. We took a comfort stop en route where we searched for Eastern Imperial Eagle but, sadly, we did not find one.

We arrived at Budapest Ferenc Liszt International Airport in good time for our various flights, and we said our farewells and thanks to Gerard, before checking in.

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Plantago indicus



Asclepias syriaca

Species Lists

Plants ([] = Introduced or Planted)

Nomenclature contained within this list follows the taxonomic amendments, based on DNA analysis, made by the Royal Botanic Gardens, Kew and the Missouri Botanic Garden, and following The Plant List, an internationally accepted list of vascular plant families, published and maintained by these two Institutions.

Scientific name	Common name	Location
Leptosporangiate Ferns	True Ferns	
Salviniaceae	Water-fern Family	
<i>Salvinia natans</i>	Floating Fern	NE of Kunszentmiklos
Pre-Dicots	Primitive Angiosperms	
Aristolochiaceae	Birthwort Family	
<i>Aristolochia clematitis</i>	Birthwort	Egyek oxbow
Eu-Dicots	True Dicotyledons	
Adoxaceae	Moschatel Family	
<i>Sambucus ebulus</i>	Dwarf Elder	Hor Valley
<i>Sambucus nigra</i>	Elder	Roadsides
<i>Viburnum lantana</i>	Wayfaring-tree	Hor Valley
<i>Viburnum opulus</i>	Guelder-rose	Selyem-reti Reserve
Amaranthaceae	Pigweed family	
<i>Amaranthus bouchonii</i>	-	Tiszacsege canal
<i>Amaranthus hybridus</i>	Green Pigweed	Apaj Fishponds
<i>Amaranthus patulus</i>	-	Tiszacsege canal
<i>Amaranthus retroflexus</i>	Common Pigweed	Tatarszentgyorgy
<i>Chenopodium album</i>	Fat Hen	Apaj Fishponds
<i>Chenopodium glaucum</i>	Oak-leaved Goosefoot	Apaj Fishponds
Anacardiaceae	Sumach Family	
<i>Rhus typhina</i>	Stag's-horn Sumach	Hor Valley
Apiaceae	Carrot Family	
<i>Angelica palustris</i>	-	Selyem-reti Reserve
<i>Bupleurum falcatum</i>	Sickle-leaved Hare's-ear	Hor Valley
<i>Eryngium campestre</i>	Field Eryngo	Tatarszentgyorgy
<i>Falcaria vulgaris</i>	Long-leaf	Near Cserepvaralia
<i>Daucus carota</i>	Wild Carrot	Apaj Fishponds
<i>Heracleum sphondylium</i>	Hogweed	Egyek oxbow
<i>Pastinaca sativa</i>	Wild Parsnip	Apaj Fishponds
<i>Pimpinella major</i>	Greater Burnet Saxifrage	Near Cserepvaralia
Apocynaceae	Periwinkle Family	
<i>Asclepias syriaca</i>	Milkweed	Commonly naturalised
Araliaceae	Ivy Family	
<i>Hedera helix</i>	Common Ivy	Hor Valley
Berberidaceae	Barberry Family	
<i>Berberis vulgaris</i>	Barberry	Hor Valley

Scientific name	Common name	Location
Betulaceae	Birch Family	
<i>Alnus glutinosa</i>	Alder	Selyem-reti Reserve
Boraginaceae	Borage Family	
<i>Anchusa arvensis</i>	Bugloss	Lake Tisza
<i>Anchusa azurea</i>	-	E of Apaj
<i>Echium vulgare</i>	Viper's-bugloss	Near Kunpeszer
<i>Lappula squarosa</i>	Bur Forget-me-not	Tatarszentgyorgy
<i>Myosotis scorpioides</i>	Water Forget-me-not	Apaj Fishponds
<i>Symphytum officinale</i>	Common Comfrey	Egyek oxbow
Cannabaceae	Cannabis Family	
<i>Cannabis sativa</i>	Cannabis or Hemp	Common on Roadsides
Caprifoliaceae	Honeysuckle Family	
<i>Dipsacus fullonum</i>	Teasel	NW of Kunpeszer
<i>Scabiosa ochroleuca</i>	Yellow Scabious	Tatarszentgyorgy
Caryophyllaceae	Pink Family	
<i>Dianthus armeria</i>	Deptford Pink	N of Cserepfalu
<i>Petrorhagia prolifera</i>	Proliferous Pink	Tatarszentgyorgy
<i>Petrorhagia saxifraga</i>	Tunic Flower	N of Cserepfalu
<i>Saponaria officinalis</i>	Soapwort	Hor Valley
<i>Silene baccifera</i>	Berry Catchfly	Hor Valley
<i>Silene latifolia</i>	White Campion	Tatarszentgyorgy
Celastraceae	Spindle Family	
<i>Euonymus europaeus</i>	Spindle	Selyem-reti Reserve
<i>Euonymus latifolia</i>	Broad-leaved Spindle	Hor Valley
Ceratophyllaceae	Hornwort Family	
<i>Ceratophyllum demersum</i>	Rigid Hornwort	NE of Kunszentmiklos
Compositae (Asteraceae)	Daisy Family	
<i>Ambrosia artemisiifolia</i>	Ragweed	Tatarszentgyorgy
<i>Arctium tomentosum</i>	-	Apaj Fishponds
<i>Artemisia absinthium</i>	Wormwood	Nyakvago
<i>Artemisia vulgaris</i>	Mugwort	Apaj canal bank
<i>Carduus crispus</i>	Wetted Thistle	Near Apaj
<i>Carlina vulgaris</i> subsp. <i>vulgaris</i>	Carlina Thistle	NE of Kunszentmiklos
<i>Centaurea diffusa</i>	a Knapweed	Apaj canal bank
<i>Cichorium intybus</i>	Chicory	Near Apaj
<i>Cirsium vulgare</i>	Spear Thistle	Apaj Fishponds
<i>Conyza canadensis</i>	Canadian Fleabane	Tatarszentgyorgy
<i>Echinops sphaerocephalus</i>	Globe Thistle	Hor Valley
<i>Erigeron annuus</i>	-	Selyem-reti Reserve
<i>Galinsoga quadriradiata</i>	Gallant-soldier	Bogacs
<i>Inula ensifolia</i>	-	NE of Kunszentmiklos
<i>Jacobaea (Senecio) aquatica</i>	Marsh Ragwort	Lake Tisza
<i>Lactuca virosa</i>	Great Lettuce	Kunszentmiklos
<i>Mycelis muralis</i>	Wall Lettuce	Hor Valley
<i>Onopordum acanthium</i>	Cotton Thistle	NW of Kunpeszer
<i>Solidago canadensis</i>	Canadian Goldenrod	Selyem-reti Reserve
<i>Sonchus arvensis</i>	Meadow Sow-thistle	Roadsides
<i>Tanacetum vulgare</i>	Tansy	Hor Reservoir
<i>Xanthium italicum</i>	-	Apaj Fishponds
<i>Xanthium spinosum</i>	Spiny Cocklebur	Apaj Fishponds

Scientific name	Common name	Location
Convolvulaceae	Bindweed Family	
<i>Calystegia sepium</i>	Hedge Bindweed	Apaj Fishponds
<i>Convolvulus arvensis</i>	Field Bindweed	Apaj Fishponds
<i>Cuscuta campestris</i>	Yellow Dodder	Lake Tisza
<i>Cuscuta epithymum</i>	Dodder	Apaj Fishponds
Cornaceae	Dogwood Family	
<i>Cornus sanguinea</i>	Dogwood	Selyem-reti Reserve
Crassulaceae	Stonecrop Family	
<i>Sempervivum (jovibarba) globiferum</i>	a Houseleek	Hor Valley
Elaeagnaceae	Sea-buckthorn Family	
<i>Elaeagnus angustifolius</i>	Russian Olive	Naturalised on roadsides
Euphorbiaceae	Spurge Family	
<i>Euphorbia cyarissias</i>	Cypress Spurge	Tatarszentgyorgy
Fagaceae	Beech & Oak Family	
<i>Fagus sylvestris</i>	Beech	Selyem-reti Reserve
<i>Quercus frainetto</i>	Hungarian Oak	N of Cserepfalu
Geraniaceae	Geranium Family	
<i>Erodium cicutarium</i>	Common Stork's-bill	NE of Kunszentmiklos
Hypericaceae	St. John's-wort Family	
<i>Hypericum perforatum</i>	Perforate St. John's-wort	Egyek oxbow
Juglandaceae	Walnut Family	
[<i>Juglans regia</i>]	Walnut	Commonly naturalised
Lamiaceae	Mint Family	
<i>Ballota nigra</i>	Black Horehound	Nyakvago
<i>Clinopodium vulgare</i>	Wild Basil	Hor Valley
<i>Galeopsis tetrahit</i> agg.	Common Hemp-nettle	Hor Valley
<i>Lycopus europaeus</i>	Gypsywort	Apaj Fishponds
<i>Marrubium peregrinum</i>	-	Near Erzsebetmajor
<i>Mentha aquatica</i>	Water Mint	Apaj Fishponds
<i>Mentha longifolia</i>	Horse Mint	N of Cserepfalu
<i>Origanum vulgare</i>	Marjoram	Hor Valley
<i>Prunella vulgaris</i>	Selfheal	Selyem-reti Reserve
<i>Salvia nemorosa</i>	Woodland Sage	Lake Tisza
<i>Scutellaria galericulata</i>	Common Skullcap	NE of Kunszentmiklos
<i>Stachys arvensis</i>	Field Woundwort	Tatarszentgyorgy
<i>Stachys palustris</i>	Marsh Woundwort	Tiszacsege canal
<i>Stachys sylvatica</i>	Hedge Woundwort	Hor Valley
Legouminosae (Fabaceae)	Pea family	
<i>Amorpha fruticosa</i>	False Indigo	Tiszacsege canal
<i>Glycyrrhiza echinata</i>	Chinese Liquorice	Lake Tisza
<i>Lathyrus tuberosus</i>	Tuberous Pea	Apaj Fishponds
<i>Lotus corniculatus</i>	Bird's-foot Trefoil	NE of Kunszentmiklos
<i>Lotus maritimus</i>	Dragon's Teeth	Apaj Fishponds
<i>Lotus tenuis</i>	Narrow-leaved Bird's-foot T.	Apaj Fishponds
<i>Medicago sativa</i> subsp. <i>sativa</i>	Lucern	Tatarszentgyorgy
<i>Melilotus albus</i>	White Melilot	Near Erzsebetmajor
<i>Melilotus altissimus</i>	Tall Melilot	NE of Kunszentmiklos

Scientific name	Common name	Location
<i>Ononis spinosa</i>	Spiny Restharrow	NE of Kunszentmiklos
[<i>Robinia pseudacacia</i>]	False Acacia	Selyem-reti Reserve
<i>Trifolium arvense</i>	Hare's-foot Clover	Hor Reservoir
<i>Trifolium fragiferum</i>	Strawberry Clover	Apaj Fishponds
<i>Trifolium hybridum</i>	Alsike Clover	Egyek oxbow
<i>Trifolium pratense</i>	Red Clover	Tatarszentgyorgy
<i>Trifolium repens</i>	White Clover	NE of Kunszentmiklos
<i>Vicia cracca</i>	Tufted Vetch	Lake Tisza
Linaceae	Flax Family	
<i>Linum catharticum</i>	Purging Flax	
<i>Linum perenne</i> agg.	Perennial Flax	Apaj Fishponds
Lythraceae	Purple-loosestrife Family	
<i>Lythrum salicaria</i>	Purple-loosestrife	Selyem-reti Reserve
<i>Lythrum virgatum</i>	-	Apaj Fishponds
[<i>Trapa natans</i>]	Water Caltrop	Lake Tisza
Malvaceae	Mallow Family	
<i>Abutilon theophrasti</i>	Velvetleaf	Ohat Fishponds
<i>Althaea officinalis</i>	Marsh-mallow	Lake Tisza
<i>Hibiscus trionum</i>	Bladder Ketmia	E of Apaj
<i>Malva neglecta</i>	Dwarf Mallow	NW of Kunpeszer
<i>Malva sylvestris</i>	Common Mallow	Apaj Fishponds
Menyanthaceae	Bogbean Family	
<i>Nymphoides peltata</i>	Fringed Water-lily	Ohat Fishponds
Oleaceae	Olive Family	
<i>Fraxinus excelsior</i>	Ash	Selyem-reti Reserve
Onagraceae	Willowherb Family	
<i>Epilobium hirsutum</i>	Great Willowherb	Apaj Fishponds
Orobanchaceae	Broomrape Family	
<i>Melampyrum nemorosum</i>	a Cow-wheat	Hor Valley
Papaveraceae	Poppy Family	
<i>Chelidonium majus</i>	Greater Celandine	Nyakvago
Plantaginaceae	Plantain Family	
<i>Linaria vulgaris</i>	Common Toadflax	Roadsides
<i>Veronica anagallis-aquatica</i>	Blue Water Speedwell	Hor Reservoir
<i>Veronica beccabunga</i>	Brooklime	Novajecs
<i>Veronica spicatum</i>	Spiked Speedwell	S of Bugyi
Plumbaginaceae	Thrift Family	
<i>Limonium gmelinii</i>	a Sea-lavender	Common in Kiskunsagi
Polygonaceae	Knotweed Family	
<i>Fallopia (Polygonum) convolvulus</i>	Black-bindweed	Nyakvago
<i>Persicaria hydropiper</i>	Water-pepper	Egyek oxbow
<i>Persicaria lapathifolia</i>	Pale Persicaria	Hor Reservoir
<i>Persicaria maculosa</i>	Red-shank	Hor Reservoir
<i>Polygonum aviculare</i>	Knotgrass	NE of Kunszentmiklos
<i>Rumex crispus</i>	Curled Dock	Hor Reservoir
<i>Rumex hydrolapathum</i>	Water Dock	Apaj Fishponds

Scientific name	Common name	Location
<i>Rumex palustris</i>	Marsh Dock	Hor Reservoir
<i>Rumex patientia</i>	Patience Dock	Egyek oxbow
<i>Rumex thyrsiflorus</i>	-	
Portulacaceae	Purslane Family	
<i>Portulacca oleracea</i>	Common Purslane	Tatarszentgyorgy
Primulaceae	Primrose Family	
<i>Lysimachia nummularia</i>	Creeping Jenny	Egyek oxbow
Ranunculaceae	Buttercup Family	
<i>Clematis vitalba</i>	Traveller's-joy	Hor Reservoir
<i>Consolida regalis</i>	Forking Larkspur	Tatarszentgyorgy
Roseaceae	Rose Family	
<i>Agrimonia eupatoria</i>	Agrimony	Apaj Fishponds
<i>Agrimonia procera</i>	Fragrant Agrimony	Tiszacsege canal
<i>Crataegus monogyna</i>	Hawthorn	NE of Kunszentmiklos
<i>Geum urbanum</i>	Wood Avens	Selyem-reti Reserve
<i>Malus pumila</i>	Apple	N of Cserepfalu
<i>Potentilla anserina</i>	Silverweed	E of Apaj
<i>Potentilla argentea</i>	Hoary Cinquefoil	Tatarszentgyorgy
<i>Potentilla reptans</i>	Creeping Cinquefoil	Apaj Fishponds
<i>Rubus caesius</i>	Dewberry	Selyem-reti Reserve
Rubiaceae	Bedstraw Family	
<i>Galium verum</i>	Lady's Bedstraw	NE of Kunszentmiklos
Salicaceae	Willow Family	
<i>Populus alba</i>	White Poplar	Roadsides
<i>Populus x canadensis</i>	Hybrid Black Poplar	Apaj Fishponds
<i>Salix alba</i>	White Willow	Apaj Fishponds
Sapindaceae	Maple Family	
<i>Acer campestre</i>	Field Maple	N of Cserepfalu
Scrophulariaceae	Figwort Family	
<i>Verbascum nigrum</i>	Dark Mullein	Hor Reservoir
<i>Verbascum phlomoides</i>	Orange Mullein	Near Erzsebetmajor
Simaroubaceae	Tree-of-Heaven Family	
<i>Ailanthus altissima</i>	Tree-of-Heaven	Comon on roadsides
Solanaceae	Nightshade Family	
<i>Datura stramonium</i>	Thorn-apple	Roadside ditch
<i>Lyceum barbarum</i>	Duke of Argyll's Tea Plant	Nyakvago
<i>Solanum dulcamara</i>	Woody Nightshade	Apaj Fishponds
Staphyleaceae	Bladdernut Family	
<i>Staphylea pinnata</i>	Bladdernut	Hor Valley
Verbenaceae	Vervain Family	
<i>Verbena officinalis</i>	Vervain	Selyem-reti Reserve
Vitaceae	Grape-vine Family	
<i>Vitis vulpina</i>	Wild Vine	Egyek oxbow

Scientific name	Common name	Location
Zygophyllaceae <i>Tribulus terrestris</i>	Caltop Family Caltrop	Apaj Fishponds
Monocots	Monocotyledons	
Alismataceae <i>Alisma lanceolata</i> <i>Alisma plantago-aquatica</i>	Water-plantain Family Narrow-leaved Water Plantain Water Plantain	E of Apaj Apaj Fishponds
Amaryllidaceae <i>Allium flavum</i> <i>Allium suaveolens</i>	Daffodil Family Yellow Onion Fragrant Leek	Hor Valley Hor Valley
Araceae <i>Arum maculatum</i>	Lords-and-Ladies Family Lords-and-Ladies	Hor Valley (in fruit)
Asparagaceae <i>Anthericum ramosum</i>	Asparagus Family Branched St. Bernard's Lily	Hor Valley
Butomaceae <i>Butomus umbilicus</i>	Flowering Rush Family Flowering Rush	Apaj Fishponds
Cyperaceae <i>Bolboschoenus maritimus</i> <i>Cyperus difformis</i> <i>Scirpoides holoschoenus</i>	Sedge Family Sea Clubrush - Round-headed Clubrush	Apaj Fishponds Hor Reservoir Apaj Fishponds
Hydrocharitaceae <i>Hydrocharis morsus-ranae</i>	Frogbit Family Frogbit	NE of Kunszentmiklos
Poaceae <i>Calamagrostis epigejos</i> <i>Cenchrus incertus</i> <i>Digitaria sanguinalis</i> <i>Echinochloa crus-galli</i> <i>Phragmites australis</i> <i>Setaria verticillata</i> <i>Setaria viridis</i> <i>Stipa pennata</i>	Grass Family Wood Small Reed - Hairy Finger-grass Cockspur Common Reed Verticillate Bristle-grass Green Bristle-grass a Feather-grass	Apaj Fishponds Tatarszentgyorgy Tatarszentgyorgy Hor Reservoir Very Common NE of Kunszentmiklos Tatarszentgyorgy Tatarszentgyorgy
Typhaceae <i>Typha angustifolia</i> <i>Typha latifolia</i> <i>Typha minima</i>	Bulrush Family Lesser Bulrush Bulrush Least Bulrush	Apaj Fishponds Apaj Fishponds Apaj Fishponds

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

	Common name	Scientific name	August									
			6	7	8	9	10	11	12	13		
1	Common Quail	<i>Coturnix coturnix</i>		H								
2	Common Pheasant	<i>Phasianus colchicus</i>		✓		✓			✓			
3	Eastern Greylag Goose	<i>Anser anser rubrirostris</i>		✓	✓							
4	Mute Swan	<i>Cygnus olor</i>		✓	✓	✓	✓	✓				
5	Mallard	<i>Anas platyrhynchos</i>		✓	✓	✓	✓	✓	✓			
6	Eurasian Teal	<i>Anas crecca</i>					✓	✓				
7	Red-crested Pochard	<i>Netta rufina</i>		✓	✓							

	Common name	Scientific name	August									
			6	7	8	9	10	11	12	13		
8	Common Pochard	<i>Aythya ferina</i>			✓							
9	Ferruginous Duck	<i>Aythya nyroca</i>		✓	✓		✓					
10	Common Swift	<i>Apus apus</i>				✓						
11	Great Bustard	<i>Otis tarda</i>		✓		✓						
12	Rock Dove [Feral]	<i>Columba livia 'feral'</i>	✓	✓	✓	✓	✓	✓	✓			
13	Stock Dove	<i>Columba oenas</i>								H		
14	Common Wood Pigeon	<i>Columba palumbus</i>	✓	✓	✓	✓	✓	✓	✓	✓		✓
15	European Turtle Dove	<i>Streptopelia turtur</i>	✓	✓	✓	✓		✓				✓
16	Eurasian Collared Dove	<i>Streptopelia decaocto</i>	✓	✓	✓	✓	✓	✓	✓	✓		✓
17	Water Rail	<i>Rallus aquaticus</i>			LO							
18	Little Crake	<i>Porzana parva</i>					✓					
19	Common Moorhen	<i>Gallinula chloropus</i>			✓		✓					
20	Eurasian Coot	<i>Fulica atra</i>		✓	✓	✓	✓					
21	Little Grebe	<i>Tachybaptus ruficollis</i>		✓	✓	✓	✓					
22	Great Crested Grebe	<i>Podiceps cristatus</i>		✓	✓	✓	✓					
23	Black-winged Stilt	<i>Himantopus himantopus</i>							✓			
24	Northern Lapwing	<i>Vanellus vanellus</i>		✓	✓	✓	✓	✓				
25	Eurasian Curlew	<i>Numenius arquata</i>					✓					
26	Common Sandpiper	<i>Actitis hypoleucos</i>							✓			
27	Wood Sandpiper	<i>Tringa glareola</i>		✓					✓			
28	Common Greenshank	<i>Tringa nebularia</i>							✓			
29	Black-headed Gull	<i>Chroicocephalus ridibundus</i>			✓	✓	✓	✓				
30	Caspian Gull	<i>Larus cachinnans</i>							✓			
31	Yellow-legged Gull	<i>Larus michahellis</i>	✓	✓	✓	✓	✓	✓				
32	Common Tern	<i>Sterna hirundo</i>			✓							
33	Whiskered Tern	<i>Chlidonias hybrida</i>		✓	✓	✓	✓	✓				
34	Black Stork	<i>Ciconia nigra</i>		✓								
35	White Stork	<i>Ciconia ciconia</i>	✓	✓	✓	✓	✓	✓				
36	Pygmy Cormorant	<i>Microcarbo pygmeus</i>				✓	✓					
37	Great Cormorant	<i>Phalacrocorax carbo</i>		✓	✓	✓	✓	✓				
38	Eurasian Spoonbill	<i>Platalea leucorodia</i>		✓								
39	Eurasian Bittern	<i>Botaurus stellaris</i>		✓								
40	Little Bittern	<i>Ixobrychus minutus</i>		✓								
41	Black-crowned Night Heron	<i>Nycticorax nycticorax</i>		✓		✓	✓					
42	Squacco Heron	<i>Ardeola ralloides</i>			✓	✓	✓	✓				
43	Grey Heron	<i>Ardea cinerea</i>	✓	✓	✓	✓	✓	✓	✓			
44	Purple Heron	<i>Ardea purpurea</i>		✓	✓	✓	✓	✓				
45	Great Egret	<i>Ardea alba</i>		✓		✓						
46	Little Egret	<i>Egretta garzetta</i>		✓					✓			
47	Western Osprey	<i>Pandion haliaetus</i>				✓						
48	Short-toed Snake Eagle	<i>Circaetus gallicus</i>			✓							
49	Eastern Imperial Eagle	<i>Aquila heliaca</i>		✓					✓			
50	Eurasian Sparrowhawk	<i>Accipiter nisus</i>			✓	✓	✓					
51	Western Marsh Harrier	<i>Circus aeruginosus</i>		✓	✓	✓	✓	✓				
52	Montagu's Harrier	<i>Circus pygargus</i>			✓							
53	White-tailed Eagle	<i>Haliaeetus albicilla</i>		✓			✓					
54	Common Buzzard	<i>Buteo buteo</i>	✓	✓	✓	✓	✓	✓		H		✓
55	Tawny Owl	<i>Strix aluco</i>	H		H					H		
56	Little Owl	<i>Athene noctua</i>		✓		H						
57	Long-eared Owl	<i>Asio otus</i>						✓				
58	European Roller	<i>Coracias garrulus</i>		✓	✓	✓	✓	✓				

	Common name	Scientific name	August								
			6	7	8	9	10	11	12	13	
59	Common Kingfisher	<i>Alcedo atthis</i>		✓							
60	European Bee-eater	<i>Merops apiaster</i>	H	✓	✓	✓	✓	✓	H		
61	Eurasian Hoopoe	<i>Upupa epops</i>			✓						
62	Middle Spotted Woodpecker	<i>Dendrocoptes medius</i>							✓		
63	Lesser Spotted Woodpecker	<i>Dryobates minor</i>		✓		H			✓	✓	
64	Syrian Woodpecker	<i>Dendrocopos syriacus</i>		✓			H	✓			
65	Great Spotted Woodpecker	<i>Dendrocopos major</i>		✓	✓	✓	✓	✓	✓		
66	White-backed Woodpecker	<i>Dendrocopos leucotos</i>							✓		
67	Black Woodpecker	<i>Dryocopus martius</i>			LO			S			
68	European Green Woodpecker	<i>Picus viridis</i>		✓	✓	H		✓	H		
69	Grey-headed Woodpecker	<i>Picus canus</i>						H	✓		
70	Common Kestrel	<i>Falco tinnunculus</i>		✓	✓	✓		✓		✓	
71	Red-footed Falcon	<i>Falco vespertinus</i>			✓	✓					
72	Eurasian Hobby	<i>Falco subbuteo</i>		✓							
73	Saker Falcon	<i>Falco cherrug</i>			✓						
74	Red-backed Shrike	<i>Lanius collurio</i>		✓	✓	✓	✓	✓	✓	✓	
75	Lesser Grey Shrike	<i>Lanius minor</i>		✓	✓			✓			
76	Eurasian Golden Oriole	<i>Oriolus oriolus</i>		✓	✓	✓	✓	✓			
77	Eurasian Jay	<i>Garrulus glandarius</i>							✓		
78	Eurasian Magpie	<i>Pica pica</i>		✓	✓	✓					
79	Western Jackdaw	<i>Coloeus monedula</i>		H							
80	Rook	<i>Corvus frugilegus</i>		✓	✓	✓		✓			
81	Hooded Crow	<i>Corvus cornix</i>	✓	✓	✓	✓	✓	✓	✓		
82	Northern Raven	<i>Corvus corax</i>				H		✓	✓	✓	
83	Marsh Tit	<i>Poecile palustris</i>						✓	✓		
84	Willow Tit	<i>Poecile montanus</i>							✓		
85	Eurasian Blue Tit	<i>Cyanistes caeruleus</i>					✓	H	✓		
86	Great Tit	<i>Parus major</i>			✓	✓	✓	✓	✓		
87	Eurasian Penduline Tit	<i>Remiz pendulinus</i>			✓						
88	Bearded Reedling	<i>Panurus biarmicus</i>					✓				
89	Eurasian Skylark	<i>Alauda arvensis</i>			✓						
90	Crested Lark	<i>Galerida cristata</i>		✓		✓					
91	Sand Martin	<i>Riparia riparia</i>			✓	✓					
92	Barn Swallow	<i>Hirundo rustica</i>	✓	✓	✓	✓	✓	✓	✓	✓	
93	Common House Martin	<i>Delichon urbicum</i>	✓	✓	✓	✓	✓	✓	✓		
94	Long-tailed Tit	<i>Aegithalos caudatus</i>		✓	H	H	H	H	✓	✓	
95	Common Chiffchaff	<i>Phylloscopus collybita</i>	H	✓				H	✓		
96	Moustached Warbler	<i>Acrocephalus melanopogon</i>					✓				
97	Eurasian Reed Warbler	<i>Acrocephalus scirpaceus</i>			✓						
98	Savi's Warbler	<i>Locustella luscinioides</i>					H				
99	Eurasian Blackcap	<i>Sylvia atricapilla</i>							✓		
100	Lesser Whitethroat	<i>Sylvia curruca</i>					✓	✓			
101	Eurasian Nuthatch	<i>Sitta europaea</i>	H	✓	✓	✓		H	✓	✓	
102	Eurasian Treecreeper	<i>Certhia familiaris</i>							✓		
103	Short-toed Treecreeper	<i>Certhia brachydactyla</i>		H	H	✓			✓		
104	Common Starling	<i>Sturnus vulgaris</i>		✓	✓	✓	✓	✓	✓		
105	Common Blackbird	<i>Turdus merula</i>		✓	✓		✓	✓	✓		
106	Song Thrush	<i>Turdus philomelos</i>					✓		✓		
107	European Robin	<i>Erithacus rubecula</i>							H		
108	Common Nightingale	<i>Luscinia megarhynchos</i>					H				
109	Black Redstart	<i>Phoenicurus ochruros</i>			✓	✓	✓	✓	✓		

	Common name	Scientific name	August									
			6	7	8	9	10	11	12	13		
110	European Stonechat	<i>Saxicola rubicola</i>		✓		✓	✓			✓		
111	Northern Wheatear	<i>Oenanthe oenanthe</i>			✓	✓						
112	House Sparrow	<i>Passer domesticus</i>	✓	✓	✓	✓	✓	✓	✓			
113	Eurasian Tree Sparrow	<i>Passer montanus</i>		✓	✓		✓	✓	✓			
114	Blue-headed Western Yellow Wagtail	<i>Motacilla flava flava</i>		✓		✓	✓					
115	White Wagtail	<i>Motacilla alba</i>		✓	✓	✓	✓	✓	✓			
116	Tawny Pipit	<i>Anthus campestris</i>				✓						
117	Common Chaffinch	<i>Fringilla coelebs</i>	H	✓	✓	✓	✓	✓	✓			
118	Hawfinch	<i>Coccothraustes coccothraustes</i>							LO	✓		
119	European Greenfinch	<i>Chloris chloris</i>					✓	H				
120	Common Linnet	<i>Linaria cannabina</i>		✓								
121	European Goldfinch	<i>Carduelis carduelis</i>		✓	✓	✓	✓	✓				
122	Common Reed Bunting	<i>Emberiza schoeniclus</i>			✓							

MAMMALS (D = Dead; S = Signs Of)

1	Eastern Hedgehog	<i>Erinaceus roumanicus</i>			D							
2	European Mole	<i>Talpa europaea</i>						S				
3	Red Fox	<i>Vulpes vulpes</i>		D								
4	Stoat	<i>Mustela erminea</i>		✓								
5	Eurasian Otter	<i>Lutra lutra</i>					S					
6	Wild Boar	<i>Sus scrofa</i>							S			
7	European Roe Deer	<i>Capreolus capreolus</i>		✓	✓	✓	✓					
8	European Hare	<i>Lepus europaeus</i>		✓	✓							
9	European Souslik	<i>Spermophilus citellus</i>			✓	✓						
10	Muskrat	<i>Ondatra zibethicus</i>					✓					
11	Bank Vole	<i>Clethrionomys glareolus</i>		✓								
12	Brown Rat	<i>Rattus norvegicus</i>						D				

Amphibians & Reptiles

1	Common Tree Frog	<i>Hyla arborea</i>					H					
2	Edible Frog	<i>Pelophylax kl. esculenta</i>		✓	✓		✓					
3	Marsh Frog	<i>Pelophylax ridibundus</i>		✓			✓					
4	European Pond Terrapin	<i>Emys orbicularis</i>			✓		✓					
5	Sand Lizard	<i>Lacerta agilis</i>				✓						
6	Common Wall Lizard	<i>Podarcis muralis</i>		✓				✓	✓			
7	Grass Snake	<i>Natrix natrix</i>					D		✓			

Butterflies

1	Swallowtail	<i>Papilio machaon</i>		✓		✓	✓	✓				
2	Scarce Swallowtail	<i>Iphiclides podalirius</i>					✓		✓			
3	Large White	<i>Pieris brassicae</i>	✓			✓		✓	✓			
4	Small White	<i>Pieris rapae</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	Southern Small White	<i>Pieris mannii</i>								✓		
6	Eastern Bath White	<i>Pontia edusa</i>			✓	✓	✓					
7	Pale Clouded Yellow	<i>Colias hyale</i>			✓	✓		✓	✓			
8	Clouded Yellow	<i>Colias crocea</i>		✓								
9	Brimstone	<i>Gonepteryx rhamni</i>	✓									
10	Wood White	<i>Leptidea sinapis</i>					✓	✓	✓			
11	Small Copper	<i>Lycaena phlaeas</i>						✓				
12	Large Copper	<i>Lycaena dispar</i>		✓			✓		✓			

	Common name	Scientific name	August									
			6	7	8	9	10	11	12	13		
13	Lesser Fiery Copper	<i>Lycaena thersamon</i>			✓		✓		✓			
14	Short-tailed Blue	<i>Cupido argiades</i>				✓		✓				
15	Eastern Short-tailed Blue	<i>Cupido decoloratus</i>				✓		✓	✓			
16	Little Blue	<i>Cupido minimus</i>				✓						
17	Holly Blue	<i>Celastrina argiolus</i>	✓	✓			✓	✓	✓			
18	Chequered Blue	<i>Scolitantides orion</i>								✓		
19	Silver-studded Blue	<i>Plebejus argus</i>		✓	✓	✓		✓	✓			
20	Idas Blue	<i>Plebejus idas</i>					✓					
21	Amanda's Blue	<i>Polyommatus amanda</i>						✓				
22	Chalk-hill Blue	<i>Polyommatus coridon</i>				✓				✓		
23	Adonis Blue	<i>Polyommatus bellargus</i>			✓	✓				✓		
24	Common Blue	<i>Polyommatus icarus</i>	✓	✓	✓	✓	✓	✓	✓			
25	Duke of Burgundy Fritillary	<i>Hamearis lucin</i>						✓	✓			
26	Nettle-tree Butterfly	<i>Libythea celtis</i>	✓									
27	Lesser Purple Emperor	<i>Apatura ilia</i>					✓	✓				
28	Lesser Purple Emperor	<i>Apatura ilia forma. clytie</i>					✓					
29	Common Glider	<i>Neptis sappho</i>	✓				✓	✓	✓			
30	Peacock	<i>Aglais io</i>			✓							
31	Red Admiral	<i>Vanessa atalanta</i>					✓			✓		
32	Painted Lady	<i>Vanessa cardui</i>		✓	✓	✓	✓	✓	✓			
33	Comma Butterfly	<i>Polygonum c-album</i>	✓	✓		✓	✓	✓	✓			
34	Map Butterfly	<i>Araschnia levana</i>	✓				✓	✓	✓			
35	Silver-washed Fritillary	<i>Argynnis paphia</i>	✓					✓	✓			
36	Silver-washed Fritillary	<i>Argynnis paphia forma. valesina</i>								✓		
37	Niobe Fritillary	<i>Argynnis niobe</i>						✓	✓			
38	Queen of Spain Fritillary	<i>Issoria lathonia</i>						✓	✓			
39	Small Pearl-bordered Fritillary	<i>Boloria selene</i>						✓				
40	Weaver's Fritillary	<i>Boloria dia</i>								✓		
41	Knapweed Fritillary	<i>Melitaea phoebe</i>				✓						
42	Woodland Grayling	<i>Hipparchia fagi</i>						✓	✓			
43	Dryad	<i>Minois dryas</i>	✓	✓				✓	✓			
44	Great Banded Grayling	<i>Kanetisa circe</i>						✓	✓			
45	Meadow Brown	<i>Maniola jurtina</i>	✓	✓	✓	✓	✓	✓	✓			
46	Small Heath	<i>Coenonympha pamphilus</i>		✓	✓	✓	✓	✓	✓			
47	Chestnut Heath	<i>Coenonympha glycerion</i>		✓	✓	✓	✓	✓	✓			
48	Speckled Wood	<i>Pararge aegeria tircis</i>	✓				✓		✓			
49	Mallow Skipper	<i>Carcharodus alceae</i>					✓					
50	Dingy Skipper	<i>Erynnis tages</i>								✓		
51	Small Skipper	<i>Thymelicus sylvestris</i>			✓	✓	✓	✓	✓			
52	Large Skipper	<i>Ochlodes venatus</i>		✓	✓							

Micros Moths (C = Caterpillar; F = Field Record; T = Trap)

1	Bagworm	<i>Psyche casta</i>		C								
2	Gelechiid	<i>Dichomeris derasella</i>		F								
3	Gelechiid	<i>Pseudotelphusa tessella</i>		T	F							
4	Common Plume	<i>Emmelina monodactyla</i>		T/F	F							
5	Maple Button	<i>Acleris forsskaeana</i>								F		
6	Tortrix	<i>Celypha cespitana</i>		F	F					F		
7	White-foot Bell	<i>Epiblema foenella</i>		T								
8	Bramble-shoot Moth	<i>Notocelia uddmanniana</i>		T								
9	Pyralid	<i>Oncocera semirubella</i>			F							

	Common name	Scientific name	August							
			6	7	8	9	10	11	12	13
10	Pyralid	<i>Synaphe punctalis</i>	F	F	F	F				
11	Pyralid	<i>Endotricha flammealis</i>							F	
12	Pyralid	<i>Sciota adelphella</i>		T						
13	Pyralid	<i>Sciota rhenella</i>		T						
14	Crambid	<i>Agriphila staminella</i>			F			F		
15	Crambid	<i>Catoptria falsella</i>		T	F	F				
16	Garden Grass Veneer	<i>Chrysoteuchia culmella</i>		T/F	F	F				
17	Brown China-mark	<i>Elophila nymphaeata</i>				F	F			
18	Small China-mark	<i>Cataclysta lemnata</i>		T/F		F		F		
19	Ringed China-mark	<i>Parapoinx stratiotata</i>					F			
20	Straw-barred Pearl	<i>Pyrausta despicata</i>								F
21	Scarce Crimson Gold	<i>Pyrausta sanguinalis</i>				F				
22	Straw-barred Pearl	<i>Pyrausta despicata</i>								
23	Crambid	<i>Sclerocona acutella</i>					F			
24	Crambid	<i>Sitochroa palealis</i>				F				F
25	Crambid	<i>Sitochroa verticalis</i>				F	F			
26	Crambid	<i>Epascestria pustulalis</i>			F					
27	Garden Pearl	<i>Anania verbascalis</i>		T						
28	Crambid	<i>Epascestria pustulalis</i>		T						
29	Crambid	<i>Ecpyrrhorhoe rubiginalis</i>		T	F					
30	Beet Webworm	<i>Loxostege sticticalis</i>		T						
31	European Corn-borer	<i>Ostrinia nubilalis</i>		T/F	F	F	F			
32	Crambid	<i>Udea olivalis</i>		T						
33	Rush Veneer	<i>Nomophila noctuella</i>		T			F			

Macro Moths

1	Blood-vein	<i>Timandra comae</i>		T/F	F	F	F	F	F	
2	Lewes Wave	<i>Scopula immorata</i>					F			
3	Tawny Wave	<i>Scopula rubiginata</i>			F					
4	Streaked Wave	<i>Scopula virgulata</i>					F			
5	Lace Border	<i>Scopula ornata</i>			F					
6	Rose-banded Wave	<i>Rhodostrophia vibicaria</i>		T/F	F	F	F	F		
7	Ochraceous Wave	<i>Idaea serpentata</i>						F		F
8	Least Carpet	<i>Idaea rusticata atrosignaria</i>	F	F	F	F	F			
9	Single-dotted Wave	<i>Idaea dimidiata</i>		F						
10	Golden-yellow Wave	<i>Idaea aureolaria</i>						F		
11	Riband Wave	<i>Idaea aversata</i>		T	F	F				
12	Riband Wave	<i>Idaea aversata remutata</i>		T	F	F				
13	Portland Riband Wave	<i>Idaea degeneraria</i>		T						
14	Oblique Striped	<i>Phibalapteryx virgata</i>					F			
15	Garden Carpet	<i>Xanthohoe fluctuata</i>					F			
16	Yellow Shell	<i>Camptogramma bilineata</i>						F		
17	Drab Looper	<i>Minoa murinata</i>						F	F	
18	Scorched Carpet	<i>Ligdia adustata</i>		T/F						
19	Sharp-angled Peacock	<i>Macaria alternata</i>		T						
20	Latticed Heath	<i>Chiasmia clathrata</i>		T/F		F				
21	European Geometrid	<i>Isturgia arenacearia</i>		T	F		F			
22	Peppered Moth	<i>Biston betularia f. insularia</i>			F					
23	Giant Looper	<i>Ascotis selenaria</i>		T/F	F					
24	Small Engrailed	<i>Ectopis crepuscularia</i>	F	T/F	F					
25	Common Heath	<i>Ematurga atomaria</i>		F	F	F	F	F		

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			6	7	8	9	10	11	12	13		
26	Poplar Hawk-moth	<i>Laotloe populi</i>			F							
27	Humming-bird Hawk-moth	<i>Macroglossum stellatarum</i>			F		F	F				
28	Puss Moth	<i>Cerura vinula</i>		T/F	F							
29	Swallow Prominent	<i>Pheosia tremula</i>		T								
30	Pale Prominent	<i>Pterostoma palpina</i>							F			
31	Chocolate Tip	<i>Clostera curtula</i>		T								
32	Oak Processionary Moth	<i>Thaumetopoea processionea</i>					C					
33	Yellow-tail	<i>Euproctis similis</i>		T				F				
34	Round-winged Muslin	<i>Thumatha senex</i>		F								
35	Dotted Footman	<i>Pelosia muscerda</i>		T	F							
36	Orange Footman	<i>Eilema sororcula</i>		T	F							
37	Dingy Footman	<i>Eilema griseola</i>		T								
38	Pygmy Footman	<i>Eilema pygmaeola</i>		T								
39	Four-spotted Footman	<i>Lithosia quadra</i>		T								
40	Ruby Tiger	<i>Phragmatobia fuliginosa</i>		F								
41	Jersey Tiger	<i>Euplagia quadripunctata</i>							F			
42	Scarce Black Arches	<i>Nola aerugula</i>		T/F	F							
43	Nutmeg	<i>Discestra trifolii</i>		T								
44	Double Line	<i>Mythimna turca</i>		T/F								
45	Wormwood	<i>Cucullia absinthii</i>		F								
46	Dark Brocade	<i>Blepharita satura</i>				F						
47	Coronet	<i>Craniophora ligustri</i>		T								
48	Dusky Brocade	<i>Apamea remissa</i>		F		F						
49	European Noctuid	<i>Athetis gluteosa</i>		T								
50	Rosy Marbled	<i>Elaphria venustula</i>		T								
51	Marbled Clover	<i>Heliothis viriplaca</i>			F		F					
52	Marbled White Spot	<i>Protodeltote pygarga</i>		T/F								
53	Barred Silver	<i>Deltote bankiana</i>			F		F	F				
54	Spotted Sulphur	<i>Emmelia trabealis</i>			F	F	F	F				
55	Dewick's Plusia	<i>Macdunnoughia confusa</i>					F					
56	Silver-Y	<i>Autographa gamma</i>		T/F		F	F	F				
57	Spectacle	<i>Abrostola tripartita</i>		T							F	
58	Red Underwing	<i>Catocala nupta</i>		F								
59	Rosy Underwing	<i>Catocala electa</i>		F								
60	Geometrician	<i>Prodotis stolidia</i>		T								
61	Burnet Companion	<i>Euclida glyphica</i>		F	F	F						
62	Four-spotted	<i>Tyta luctuosa</i>					F	F				
63	Snout	<i>Hypena proboscidalis</i>			F						F	

Other Invertebrates

1	Banded Demoiselle	<i>Calopteryx splendens</i>					F					
2	Beautiful Demoiselle	<i>Calopteryx virgo</i>					F		F			
3	Common Bluet	<i>Enallagma cyathigerum</i>					F					
4	Common Blue-tail	<i>Ischnura elegans</i>				F						
5	Small Bluetail	<i>Ischnura pumilio</i>					F					
6	Blue Featherleg	<i>Platycnemis pennipes</i>				F						
7	Blue Hawker	<i>Aeshna cyanea</i>							F			
8	Blue Emperor	<i>Anax imperator</i>				F						
9	Lesser Emperor	<i>Anax parthenope</i>						F				
10	Four-spotted Chaser	<i>Libellula quadrimaculata</i>						F				
11	Broad Scarlet	<i>Crocothemis erythraea</i>		F								

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			6	7	8	9	10	11	12	13		
12	White-tailed Skimmer	<i>Orthetrum albistylum</i>		F								
13	Black-tailed Skimmer	<i>Orthetrum cancellatum</i>		F								
14	Red-veined Darter	<i>Sympetrum fonscolombii</i>	F									
15	Ruddy Darter	<i>Sympetrum sanguineum</i>	F	F	F	F	F	F	F	F		
16	Common Darter	<i>Sympetrum striolatum</i>	F		F	F		F	F			
17	Nose Grasshopper	<i>Acrida ungarica</i>		F	F		F					
18	Red-winged Grasshopper	<i>Oedipoda germanica</i>				F		F				
19	Blue-winged Grasshopper	<i>Oedipoda caerulescens</i>	F					F	F			
20	Praying Mantis	<i>Mantis religiosa</i>								F		
21	Shield Bug	<i>Graphosoma lineatum</i> (G. italicum)				F	F			F		
22	Brown Marmorated Stink Bug	<i>Halyomorpha halys</i>		T/F	F	F						
23	Black-shouldered Shield Bug	<i>Caprocoris purpureipennis</i>					F					
24	Leather Bug or Squash Bug	<i>Syromastes rhombeus</i>					F					
25	Fire Bug	<i>Pyrrhocoris apterus</i>	F									
26	Common Pond Skater	<i>Gerris lacustris</i>		F	F							
27	Buffalo Tree Hopper	<i>Strictocephalus bisonia</i>						F				
28	Green lacewing	<i>Chrysopidae</i> sp.		T/F								
29	Scorpion Fly	<i>Panorpa germanica</i>								F		
30	Scorpion Fly	<i>Panorpa vulgaris</i>					F					
31	Caddis Fly	<i>Trichoptera</i> sp.		T	F							
32	Horse-fly	<i>Tabanidae</i> sp.				F						
33	Cleg-fly	<i>Haematopota pluvialis</i>			F							
34	Robber-fly	<i>Asilid</i> sp.	F									
35	Black Bee-fly	<i>Thyridanthrax atratus</i>								F		
36	Marmalade Hover-fly	<i>Episyrphus balteatus</i>					F					
37	Hover-fly Sp	<i>Helophilus</i> sp.					F					
38	Hornet Hover-fly	<i>Volucella zonaria</i>								F		
39	Drone-fly	<i>Eristalis tenax</i>						F				
40	Yellow Meadow Ant	<i>Lasius flavus</i>					S					
41	Hornet	<i>Vespa crabro</i>					F	F	F			
42	Carpenter Bee	<i>Xylocopa</i> sp.				F				F		
43	Honey Bee	<i>Apis mellifera</i>	F	F	F	F	F	F	F			
44	White -tailed Bumblebee	<i>Bombus lucorum</i>								F		
45	Buff-tailed Bumblebee	<i>Bombus terrestris</i>	F									
46	Dor Beetle	<i>Geotrupes stercorarius</i>		D								
47	Rose Chafer	<i>Cetonia aurata</i>					F			F		
48	Harlequin Ladybird	<i>Harmonia axyridis</i>		T	F					F		
49	Acorn Weevil	<i>Cuculio glandium</i>					F					
50	Oed Web Spider	<i>Araneas</i> sp.										

Galls

1	Robin's Pin-cushion	<i>Diplolepis rosea</i>		✓	✓		✓	✓				
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Molluscs

1	Roman Snail	<i>Helix pomatia</i>								✓		
2	Brown-lipped Banded Snail	<i>Cepaea nemoralis</i>		✓	✓							