

WILDLIFE TRAVEL

**Bulgaria
2016**



Bulgaria Trip Report, 20th to 27th June 2016



Top row, l to r: *Himantoglossum caprinum*, Short-toed Eagle (photo David Hooper) and *Gymadenia frivaldii*
Middle row, l to r: *Centaurea orbelica* and *Ascalaphus macaronius* (both courtesy Simeon Gigov)
Bottom row, l to r: *Silene roemerii*, *Pinguicula balcanica* and Eastern Festoon

All photos courtesy Laurie Jackson, unless stated otherwise.

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#	DATE	LOCATIONS & NOTES
1	20 June	London Heathrow to Sofia Besapari Hills Drive to Hotel Orpheus in Teshel
2	21 June	Trigrad Gorge Kastrakli Nature Reserve
3	22 June	Shiroka Luka meadows Gela village Yagodina village and Bujново Gorge
4	23 June	Satovcha meadows Gotse Delchev fishponds Slavyanka Mountain
5	24 June	Predela/Moravsko Hotel Yundola Belmeken - Rila National Park
6	25 June	Pirin National Park - Vihren hut
7	26 June	Kresna Gorge Iliyana River
8	27 June	Iskar River Sofia to London Heathrow

List of travellers

Guide

Simeon Gigov, Neophron

Leader

Laurie Jackson, Wildlife Travel

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Left to Right: *Centaurea triumphettii*, *Dactylorhiza saccifera*, *Zygaena viciae* (all photos courtesy Simeon Gigov)

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Monday 20 June - travel to the western Rhodopes

Following an early departure from London Heathrow we were soon flying in to a warm and sunny Sofia; enjoying our first views of the Rhodope, Rila and Pirin mountains we would be exploring over the coming week. Simeon was waiting for us at Sofia Airport and we were soon on the road; headed south-east towards the Rhodope Mountains.

Once we left the main highway we began to spot birds in the fields, with Crested Lark, Isabelline Wheatear, and the stunning Black-headed Bunting amongst the first finds. Stopping close to a quarry in the Besapari Hills, we didn't know which way to look first! Clouds of butterflies flew around us including Adonis Blue, Sloe Hairstreak and Mallow Skipper. A male Montagu's Harrier drifted over, and a chorus of Nightingale, Olivaceous Warbler and Golden Oriole accompanied us as we explored the grasslands. We found plants such as Love-in-a-mist *Nigella damascena* and the delicate White Laceflower *Orlaya grandiflora* before the bubbling calls of Bee-eaters helped us to spot several of these colourful birds perched in trees and on wires.

As we continued on our way, we spotted three species of shrike - Red-backed, Lesser Grey and Woodchat - in quick succession, before beginning our climb into the Rhodope Mountains. Our drive took us past beech and pine woodlands and three reservoirs with interesting sites including trout-rearing tanks from the Communist Era. We arrived at our hotel nestled in the western Rhodopes in the early evening, giving us time to settle in to our rooms before we enjoyed a variety of traditional Bulgarian dishes including Shopska salad, Patatnik and grilled trout.

Tuesday 21 June - Trigad Gorge and Kastrakli Nature Reserve

After a breakfast of Bulgarian mekitsas we set off south through the Trigad Gorge enjoying the dramatic limestone scenery before stopping to spot our first Bulgarian endemic plant; the delicate *Arenaria rhodopaea*, an endangered species that grows on steep rocky outcrops. High above us a noisy whirlwind of Alpine Swifts passed over, and we were treated to an acrobatic display from a Crag Martin; clearly showing the white 'windows' in its tail and captivating Penny.

We moved on towards the village of Borino, home to around 300 people. Here we set off along a track into the Kastrakli Nature Reserve admiring a mass of colourful flowers growing amongst the bare rocks. Our botanical guide Michaela introduced us to species such as Grecian Foxglove *Digitalis lanata* and the endemic Bulgarian Figwort *Scrophularia bulgarica*, alongside more familiar species like Pyramidal Orchid *Anacamptis pyramidalis*. Around us the butterflies swirled, with the magnificent Apollo effortlessly gliding over the slopes below us. We had our first sightings of Bright-eyed Ringlet, Niobe Fritillary and Mazarine Blue amongst many others. We finished our search amongst flower-rich meadows where Simeon found the uncommon Alcon Blue butterfly; which he had not before seen at this site.

We returned to the hotel for lunch, before setting out for our final visit of the day to the slopes behind our hotel. Here, we walked amongst the shade of pine and beech with Michaela pointing out specialities of the area, including the Black Pine *Pinus nigra* ssp. *pallasiana*, which grows on the rock. Plants spotted on our walk included the impressive Martagon Lily *Lilium martagon* and a small patch of Herb-paris *Paris quadrifolia* and Coralroot *Cardamine bulbifera* growing together. Fragrant Orchid *Gymnadenia conopsea* and Red Helleborine *Cephalanthera rubra* were abundant here, and we also found Coral-root Orchid *Corallorhiza trifida*, Lady's-slipper Orchid *Cypripedium calceolus* and Bird's-nest Orchid *Meottia nidus-avis* in seed. The star find of the afternoon was a beautiful white *Dactylorhiza* orchid that Michaela told us did not have a name as it had only been found once before! Butterflies here included Large Wall, Ringlet and Pearly Heath.

After dinner a few of us ventured out to listen for bats. We picked up several species including Noctule foraging around us, but the highlight of the night was dozens of blinking orange lights from fireflies as they flitted through the darkness.

Wednesday 22 June - Shiroka Luka, Gela and Yagodina

Following breakfast and a chance to spot Dipper in the river in front of the hotel we set off east towards Shiroka Luka. As we passed through the gorge a Black Stork flew alongside us before landing high up on the mountainside to eat its breakfast. After a short drive we stopped to explore some gently sloping meadows in which Heart-lipped Marsh Orchid *Dactylorhiza cordigera* grew amongst the Cotton Grass *Eriophorum* sp. Amongst the Yellowhammer and Blackcap singing around us, Simeon picked up the scolding calls of a Sombre Tit, which provided us with great views from a nearby tree. Passing through a small village we travelled on to explore the meadows surrounding Shiroka

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Luka. These were again alive with butterflies including Marsh Fritillary, Heath Fritillary and Tufted Marbled Skipper, which is associated with woundworts such as *Stachys germanica* that we found here.

Following a traditional lunch in the picturesque village of Gela (said to be the birthplace of Orpheus) we had time to explore its winding streets and traditional Rhodope buildings before exploring a nearby hillside. The base rock in this area was basalt and we found new plants including the Balkan endemics Moonshine Yarrow *Achillea clypeolata* and *Viola orbelica*, and the succulent *Jovibarba heuffelii*. Amongst the mass of wildflowers we also found two new butterflies; the Balkan Copper and Scarce Copper flying together.

Our final stop was the village of Yagodina reached through the stunning Buynovo Gorge; the longest in Bulgaria. Following a quick stop for ice creams we followed a hiking trail enjoying the views across the western Rhodopes before heading into the spruce and beech woodlands. Amongst the shade we found Creeping Ladies Tresses *Goodyera repens* in bud, which Michaela pointed out was unusual as it lacks the white leaf veins in this area of the Balakans. Fragrant Orchid and Red Helleborine were plentiful once again, and we found Common Wintergreen *Pyrola minor*, along with Fly Orchid and Burnt-tip Orchid *Neotinea ustulata* growing in dappled sunlight. We explored a limestone outcrop in the beech woodlands and found the Balkan endemic *Haberlea rhodopensis*. This unusual plant is from a family mostly associated with tropical areas and has an amazing ability to survive desiccation for up to two years. Butterflies spotted included Chequered Skipper, Wall and an Eastern Rock Grayling, which settled for a closer look at David's binoculars! As we headed back through the gorge we spotted several Dippers alongside grey wagtails on the rocks in the Buynovska River.

Thursday 23 June - Satovcha Meadows, Gotse Delchev Fishponds and Slovyanka Mountain

As if on cue, a small group of Balkan Chamois were browsing high on the mountain above the hotel as we prepared for our final breakfast in the Rhodopes. We headed west towards the Pirin Mountains stopping along the way in Satovcha to enjoy a couple more of the Rhodope's beautiful meadows. Here we found meadows crammed with cotton grass, Gladioli *Gladiolus* sp, pinks *Dianthus* sp. and orchids including Bug Orchid *Anacamptis coriophora* and Elegant Orchid *Anacamptis palustris* ssp. *elegans*. The butterflies provided another spectacle with Lesser Spotted Fritillary, Berger's Clouded Yellow and Queen of Spain Fritillary amongst the many species seen.

Headed towards our next stop, our collective breathe was taken away as a Short-toed Eagle swooped over the bus clutching a large snake in its talons. Pulling over, we had great views as it circled higher and higher on the thermals before drifting out of site over the mountains. Upon reaching Gotse Delchev fishponds we were greeted by the rich song of Nightingale and the clamorous voice of the Great Reed Warbler. We picked out a Little Ringed Plover and Green Sandpiper on the banks before turning our attention to the dragonflies, with White-legged Damselfly, Small Pincertail and Broad Scarlet amongst the species found.

Continuing on our way with the song of Corn Bunting and Serin drifting in through the window, eagle-eyed Simeon spotted something interesting in the verge. On leaving the bus we were greeted with the stunning Balkan Lizard Orchid *Himantoglossum caprinum* and close by we found several spikes of Violet Limadore *Limodorum abortivum*. We spotted both Golden Oriole and Hoopoe from the bus before another stop; this time a check by the border police (being only around 10 miles from the Bulgaria-Greece border). We took the opportunity to explore the verges around us and soon added Eastern Festoon to our butterfly list, whilst a Hawfinch was spotted in an oak tree.

We headed south for Slavyanka Mountain for the remainder of the afternoon to explore two fantastic butterfly spots. These did not disappoint and we found many new species including Hungarian Skipper, Purple-shot Copper, Large Blue and Balkan Marbled White, along with an impressively large and colourful Spurge Hawk-moth larva. As we headed for our new home in the Pirin Mountains we had one final stop to photograph White Stork nests, allowing us to appreciate their towering constructions and the Spanish Sparrows with which they share them.

Friday 24 June - Yundola and Belmeken

Our day began exploring the meadows and reservoir around our new hotel in Moravsko with Liliana and Simeon, under the watchful gaze of a Red-backed Shrike whilst Pallid Swifts raced above our heads. Following breakfast we set off for Yundola to explore its meadows nestled within conifer woods. The meadows were a riot of colour and we encountered many new species including *Armeria rumelica*, Red Avens *Geum coccineum* and the Balkan endemic *Silene roemerii*. In fact we were so busy admiring the plants around us; none of us noticed the sea of Globberflower *Trollius europaeus* until we were within it! The butterflies weren't to be outdone and we found more new species, including Northern Wall, Eastern Large Heath and Ottoman Brassy Ringlet.

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We continued on towards Belmeken in Rila National Park, The landscape became progressively more open as we drove and we spotted birds including Ring Ouzel and Mistle Thrush perched on rocks and bushes. A quick stop alongside a gently sloping bank and we spotted a souslik diligently watching for danger. Upon reaching the reservoir at Belmeken we enjoyed our picnic lunch as a Northern Wheatear sang, before setting about exploring the alpine meadows. We quickly discovered a wealth of species, including Mountain Everlasting *Antennaria dioica*, Frivald's Gymnadenia *Gymnadenia frivaldii*, Black Vanilla Orchid *Nigratella nigra*, the Balkan endemic Balkan Butterwort *Pinguicula balcanica* and the Bulgarian endemic *Jasione bulgarica*. As we made our way back down towards Moravsko we spotted Nutcrackers at the side of the road before an impressive mountain storm swept through.

Saturday 25 June - Pirin National Park

We set off under sunny skies for Pirin National Park and the Vihren Hut, situated at 1972m above sea level, where we would start our day's adventures. High on the slopes above us Balkan Chamois grazed as we began our ascent with singing Dunnock and chattering parties of Crossbill flying through. Plants found amongst the limestone rocks and Dwarf Mountain Pine *Pinus mugo* included Alpine Bellflower *Campanula alpina*, White False Helleborine *Veratrum album*, Whorled Lousewort *Pedicularis verticillata* and the endemic *Heracleum angustisectum*. Upon reaching a small lake we stopped to enjoy the gentle peace of the mountain before starting our descent. As we headed down we found more mountain specialities including Yellow Wood Violet *Viola biflora*, Alpine Coltsfoot *Homogyne alpina* and the Balkan endemic Bulgarian Columbine *Aquilegia aurea*.

We stopped for lunch amid a mass of boulders; the remnants of a winter avalanche, before continuing our walk along the road through the pine woodlands. We found new plants including Alpine Skullcap *Scutellaria alpina* and *Cerinth glabra*, along with the mountain butterflies Clouded Apollo and the beautiful Balkan Fritillary. A number of harsh calls from the pines alerted us to the presence of Nutcracker, and we were treated to great views of at least five birds hopping around in the trees next to us. Shortly afterwards we spotted a stunning male Crossbill singing from the top of a pine. Our last stop was to visit the magnificent Baykusheva mura, a Bosnian Pine *Pinus heldreichii* estimated to be around 1300 years old; around the same age as Bulgaria itself.

Once back at our hotel a few of us took a stroll through the surrounding meadows, which revealed yet more new butterfly species - Essex Skipper and Twin-spot Fritillary. Dinner that evening was a slightly distracted affair, as a Common Rosefinch began to sing from a nearby tree with its *pleased to meet you (too)* song.

Sunday 26 June - Kresna Gorge and Iliyna River

The Common Rosefinch was waiting to greet us at breakfast and in hopping from tree to tree he ensured everyone who wanted got a glimpse! We headed west to explore Kresna Gorge under sunny skies. At our first stop Nightingale and Olivaceous Warbler sang while Griffon Vultures glided silently across the sky, and a Middle Spotted Woodpecker zoomed across the Iliyna River. We found Eastern Wood White and Sandy Grizzled Skipper here, along with the impressive Spoon-tailed Lacewing, all new for the trip.

Continuing onwards we walked through an area shaded with Walnut *Juglans regia*, Thorn of Christ *Paliurus spinachristi* and Fig *Ficus carica*. Here we found lots of butterflies including Common Glider, along with Small Pincertail and Common Clubtail dragonflies. Exploring an area of damper meadows we found Marsh Helleborine *Epipactis palustris* and Wedge-lipped Orchid *Dactylorhiza saccifera*, along with Large Copper.

We continued on to an area of meadows in the valley of the Iliyna River, stopping on the way to admire two Poplar Admirals that were puddling in the road. The meadows did not disappoint; alive with the sound of crickets and grasshoppers and full of wildflowers and butterflies, including many Scarce Copper nectaring on the wild thyme *Thymus* sp.

We had lunch at the hotel the Rila Mountains where we would be spending our final night in Bulgaria before visiting the Monastery of Saint Ivan of Rila. Liliana gave us a fantastic overview of the history of the Monastery, which was founded in the 10th Century before we had time to set off and explore its buildings and grounds as Pallid Swifts and House Martins flitted over our heads.

Enjoying our last traditional Bulgarian meal we discussed some of our personal highlights of the trip. These were many and varied, ranging from the excitement of the Short-toed Eagle to watching the exhilaration of Crag Martins in flight, seeing new species from Frivald's Gymnadenia to Common Rosefinch, the dragonflies, the butterflies, and the sheer diversity and beauty of the mountains and their meadows.

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Monday 27 June - Iskar River

With an early afternoon flight we set out from the hotel soon after breakfast but we did have time for one last stop at the Iskar River on the outskirts of Sofia. We enjoyed a short stroll along the river with singing Blackcap and Goldcrest, and a patrolling Swallowtail. Just as we got back to the bus a Lesser Spotted Woodpecker flew in to a nearby tree, which we watched for a short while before tearing ourselves away to head to Sofia airport and on towards home.

Many thanks to our travellers for making this such an enjoyable trip, and thank you to Simeon, Michaela and Liliana for helping us to explore your beautiful country.



Left (top to bottom): Teshel, Kastrakali Nature Reserve, Pirin National Park

Right (top to bottom): Gotse Delcher fishponds, Rila monastery, Yagodina

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Selected Plant Species

BG - Bulgarian endemic species; BK - Balkan endemic species

	ENGLISH NAME	SCIENTIFIC NAME	NOTES
FERNS			
	Brittle Bladder-fern	<i>Cystopteris fragilis</i>	
CONIFERS			
Cupressaceae			
	a juniper	<i>Juniperus sibirica</i>	
Pinaceae			
	Silver Fir	<i>Abies alba</i>	
	Norway Spruce	<i>Picea abies</i>	
	Bosnian Pine	<i>Pinus heldreichii</i>	Pirin National Park
	Dwarf Mountain Pine	<i>Pinus mugo</i>	Pirin National Park
	Black Pine	<i>Pinus nigra</i> ssp. <i>pallasiana</i>	Rhodope Mountains
BK	Macedonian Pine	<i>Pinus peuce</i>	Pirin National Park
	Scots Pine	<i>Pinus sylvestris</i>	
DICOTS			
Aceraceae			
	Sycamore	<i>Acer pseudoplatanus</i>	
	Field Maple	<i>Acer campestre</i>	
Anacardiaceae			
	Smoke Tree	<i>Cotinus coggygria</i>	Kresna Gorge
	Turpentine Tree	<i>Pistacia terebintha</i>	Kresna Gorge
Apiaceae (Umbelliferae)			
	Wild Angelica	<i>Angelica sylvestris</i>	
	Wild Carrot	<i>Daucus carota</i>	Kresna Gorge
	Field Eryngo	<i>Eryngium campestre</i>	Kresna Gorge
	Sea Holly	<i>Eryngium maritimum</i>	
BG		<i>Heracleum angustisectum</i>	Pirin National Park
	Cow Parsnip	<i>Heracleum sibiricum</i>	
	White Laceflower	<i>Orlaya grandiflora</i>	
BK	Balkan Parsnip	<i>Pastinaca hirsuta</i>	Rila National Park
	Sanicle	<i>Sanicula europea</i>	Rhodope Mountains
Araliaceae			
	Common Ivy	<i>Hedera helix</i>	
Aristolochiaceae			
	Birthwort	<i>Aristolochia clematitis</i>	
Asteraceae (Compositae)			
	Greek Yarrow	<i>Achillea ageratifolia</i>	
BK	Moonshine Yarrow	<i>Achillea clypeolata</i>	Rhodope Mountains; Kresna Gorge
	Mountain Everlasting	<i>Antennaria dioica</i>	Rila National Park
	St John's Chamomile	<i>Anthemis sancti-johannis</i>	
	a knapweed	<i>Centaurea orbelica</i>	
	Squarrose Knapweed	<i>Centaurea triumfettii</i>	
	Chicory	<i>Cichorium intybus</i>	Rhodope Mountains
BK	Balkan Thistle	<i>Cirsium appendiculatum</i>	
	a leopard's-bane	<i>Doronicum herbaceum</i>	Rhodope Mountains; Rila National Park
BG	a hawkweed	<i>Hieracium kittaniae</i>	Rhodope Mountains
	Alpine Coltsfoot	<i>Homogyne alpina</i>	Pirin National Park
		<i>Scorzonera rosea</i>	
	Scentless Feverfew	<i>Tanacetum corymbosum</i>	Rhodope Mountains
	Heartleaf Oxeye	<i>Telekia speciosa</i>	
		<i>Xeranthemum annuum</i>	Kresna Gorge

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	ENGLISH NAME	SCIENTIFIC NAME	NOTES
Balsaminaceae			
	Himalayan Balsam	<i>Impatiens glandulifera</i>	
	Touch-me-not-Balsam	<i>Impatiens noli-tangere</i>	
Betulaceae			
	Common Alder	<i>Alnus glutinosa</i>	
	Silver Birch	<i>Betula pendula</i>	
Boraginaceae			
	Alkanet	<i>Anchusa officinalis</i>	
	a honeywort	<i>Cerinthe glabra</i>	
	a hound's-tongue	<i>Cynoglossum hungaricum</i>	Rhodope Mountains
	Pale Bugloss	<i>Echium italicum</i>	
	Viper's Bugloss	<i>Echium vulgare</i>	
	Wood Forget-me-not	<i>Myosotis sylvatica</i>	
	Red Lungwort	<i>Pulmonaria rubra</i>	
	a comfrey	<i>Symphytum ottomanum</i>	Rhodope Mountains
Brassicaceae			
	Coralroot	<i>Cardamine bulbifera</i>	Rhodope Mountains
	a stock	<i>Malcolmia orsiniana</i>	Pirin National Park
Campanulaceae			
		<i>Asyneuma limonifolium</i>	Rhodope Mountains
	Alpine Bellflower	<i>Campanula alpina</i>	Pirin National Park
	Bristly Bellflower	<i>Campanula cervicaria</i>	Rhodope Mountains
	Clustered Bellflower	<i>Campanula glomerata</i>	Rhodope Mountains
BK	a bellflower	<i>Campanula jordanovii</i>	Rhodope Mountains
	a bellflower	<i>Campanula moesiaca</i>	Rhodope Mountains
	a bellflower	<i>Campanula orphanidea</i>	Rhodope Mountains
	Spreading Bellflower	<i>Campanula patula</i>	
	Peach-leaved Bellflower	<i>Campanula persicifolia</i>	Rhodope Mountains
	Rampion Bellflower	<i>Campanula rapunculus</i>	
	a bellflower	<i>Campanula scutellata</i>	
BG	a sheep's bit	<i>Jasione bulgarica</i>	Rila National Park
BK	a bellflower	<i>Trachelium rumelianum</i>	Rhodope Mountains
Cannabaceae			
	Hops	<i>Humulus lupulus</i>	
Caprifoliaceae (inc Dipsacaceae)			
	Common Teasel	<i>Dipsacus fullonum</i>	
	a scabious	<i>Knautia midzorensis</i>	Rhodope Mountains
	a scabious	<i>Knautia orientalis</i>	
		<i>Morina persica</i>	
	Dwarf Elder	<i>Sambucus ebulus</i>	
	Common Elder	<i>Sambucus nigra</i>	
	a scabious	<i>Scabiosa rhodopensis</i>	Rhodope Mountains
	Valerian	<i>Valeriana officinalis</i>	
Caryophyllaceae			
BG	a sandwort	<i>Arenaria rhodopaea</i>	Rhodope Mountains
BK	a pink	<i>Dianthus cruentus</i>	Rhodope Mountains; Pirin National Park
	Maiden Pink	<i>Dianthus deltoides</i>	
BK	a pink	<i>Dianthus microlepis</i>	
	a pink	<i>Dianthus petraeus</i>	Rhodope Mountains; Pirin National Park
	a rupturewort	<i>Herniaria incana</i>	Rhodope Mountains
	Rose Camption	<i>Lychnis coronaria</i>	Rhodope Mountains
	Ragged-Robin	<i>Lychnis flos-cuculi</i>	
	a sandwort	<i>Moehringia pendula</i>	
	Perennial Knawel	<i>Scleranthus perennis</i>	

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	ENGLISH NAME	SCIENTIFIC NAME	NOTES
	a catchfly	<i>Silene armeria</i>	
BK	a catchfly	<i>Silene fabarioides</i>	Rhodope Mountains
	Italian Catchfly	<i>Silene italica</i>	
BK	a catchfly	<i>Silene roemerii</i>	
	a catchfly	<i>Silene viridiflora</i>	
	Bladder Campion	<i>Silene vulgaris</i>	
	Sticky Catchfly	<i>Viscaria vulgaris</i>	
Cistaceae			
	Common Rock-rose	<i>Helianthemum nummularium</i>	
		<i>Rodax canus</i>	Rhodope Mountains
Clusiaceae			
	Common St John's Wort	<i>Hypericum perforatum</i>	
	a St John's Wort	<i>Hypericum olympicum</i>	Rila National Park
Convolvulaceae			
	Southern Bindweed	<i>Convolvulus cantabrica</i>	Rhodope Mountains
	Field Dodder	<i>Cuscuta campestris</i>	Rhodope Mountains
Cornaceae			
	Dogwood	<i>Cornus sanguinea</i>	
	Cornelian Cherry	<i>Cornus mas</i>	
Corylaceae			
	Hazel	<i>Corylus avellana</i>	
	Oriental Hornbeam	<i>Carpinus orientalis</i>	
	Hornbeam	<i>Carpinus betulus</i>	
	Hop Hornbeam	<i>Ostrya carpinifolia</i>	Rhodope Mountains
Crassulaceae			
	Hen-and-chickens	<i>Jovibarba heuffelii</i>	Rhodope Mountains
	a stonecrop	<i>Sedum acris</i>	
	White Stonecrop	<i>Sedum album</i>	
Ericaceae (includes Pyrolaceae)			
	Spike Heath	<i>Bruckenthalia spiculifolia</i>	Rila National Park; Pirin National Park
	Green-flowered Wintergreen	<i>Pyrola chlorantha</i>	Rhodope Mountains
	Common Wintergreen	<i>Pyrola minor</i>	Rhodope Mountains
	Common Bilberry	<i>Vaccinium myrtillus</i>	
Euphorbiaceae			
	Dog's Mercury	<i>Mercurialis perennis</i>	
	Wood Spurge	<i>Euphorbia amygdaloides</i>	
	Cypress Spurge	<i>Euphorbia cyparissias</i>	
	Myrtle Spurge	<i>Euphorbia myrsinites</i>	
Fabaceae			
	False Indigo	<i>Amorpha fruticosa</i>	
	Mountain Kidney Vetch	<i>Anthyllis montana</i>	Rhodope Mountains
	Kidney Vetch	<i>Anthyllis vulneraria</i>	
	Montpellier Milkvech	<i>Astragalus monspessulanus</i>	Rhodope Mountains
	Judas Tree	<i>Cercis siliquastrum</i>	Kresna Gorge
	a broom	<i>Chaemaecytisus absinthioides</i>	Rhodope Mountains
	Crown Vetch	<i>Coronilla varia</i>	
	a broom	<i>Genista carinalis</i>	Rhodope Mountains
	a broom	<i>Genista januensis</i>	Rhodope Mountains
BK	a broom	<i>Genista rumelica</i>	Rhodope Mountains
	Dyer's Greenweed	<i>Genista tinctoria</i>	
	Meadow Vetchling	<i>Lathyrus pratensis</i>	Rhodope Mountains
	Common Bird's-foot Trefoil	<i>Lotus corniculatus</i>	Rhodope Mountains
	White Melilot	<i>Melilotus alba</i>	
	Ribbed Melilot	<i>Melilotus officinalis</i>	

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	ENGLISH NAME	SCIENTIFIC NAME	NOTES
	Small Sainfoin	<i>Onobrychis arenaria</i>	Rhodope Mountains
	Spiny Restharrow	<i>Ononis spinosa</i>	
	False Acacia	<i>Robinia pseudoacacia</i>	
	Lesser Trefoil	<i>Trilobium dubium</i>	
	Crimson Clover	<i>Trifolium incarnatum</i>	
	Sulphur Clover	<i>Trifolium ochroleucon</i>	
	Hungarian Clover	<i>Trifolium pannonicum</i>	
	Large Brown Clover	<i>Trifolium spadiceum</i>	
	Tufted Vetch	<i>Vicia cracca</i>	
Fagaceae			
	Eastern Beech	<i>Fagus orientalis</i>	
	Common Beech	<i>Fagus sylvestris</i>	
	Hungarian Oak	<i>Quercus frainetto</i>	Rhodope Mountains
	Turkey Oak	<i>Quercus cerris</i>	Rhodope Mountains
Gentianaceae			
	Pyrenean gentian	<i>Gentiana pyrenaica</i>	Rila National Park
Geraniaceae			
	Rock Crane's-bill	<i>Geranium macrorrhizum</i>	
	Herb Robert	<i>Geranium robertianum</i>	
	Dusky Crane's-bill	<i>Geranium phaeum</i>	
	Bloody Crane's-bill	<i>Gernaium sanguineum</i>	
	Wood Crane's-bill	<i>Geranium sylvaticum</i>	
Gesneriaceae			
BK	Haberlea	<i>Haberlea rhodopensis</i>	Rhodope Mountains
Hippocastanaceae			
	Horse Chestnut	<i>Aesculus hippocastanum</i>	
Juglandaceae			
	Walnut	<i>Juglans regia</i>	
Lamiaceae			
	Alpine Calamint	<i>Acinos alpinus</i>	Rhodope Mountains; Pirin National Park
	Eastern Basil-Thyme	<i>Acinos rotundifolia</i>	Rhodope Mountains
	Blue Bugle	<i>Ajuga genevensis</i>	Rhodope Mountains; Pirin National Park
	a bugle	<i>Ajuga laxmannii</i>	Rhodope Mountains
	Pyramidal Bugle	<i>Ajuga pyramidalis</i>	
	Large-flowered Hemp-nettle	<i>Galeopsis speciosa</i>	
	Large Red Dead-nettle	<i>Lamium garganicum</i>	Rhodope Mountains
	Red Dead-nettle	<i>Lamium purpureum</i>	
	Horse Mint	<i>Mentha longifolia</i>	Rila National Park
	Greek Origanum	<i>Origanum heracleoticum</i>	
	Balkan Marjoram	<i>Origanum vulgare ssp hirtum</i>	Rhodope Mountains
	Cut-leaved Self-heal	<i>Prunella laciniata</i>	Rhodope Mountains
	Selfheal	<i>Prunella vulgaris</i>	
	Clary Sage	<i>Salvia sclarea</i>	
	Whorled Clary	<i>Salvia verticillata</i>	
	Alpine Skullcap	<i>Scutellaria alpina</i>	Pirin National Park
	Eastern Skullcap	<i>Scutellaria orientalis</i>	
	mountain tea	<i>Sideritis montana</i>	Rhodope Mountains
	mountain tea	<i>Sideritis scardica</i>	Rhodope Mountains
	Downy Woundwort	<i>Stachys germanica</i>	Rhodope Mountains
	Sea Woundwort	<i>Stachys maritima</i>	
	Yellow Woundwort	<i>Stachys recta</i>	Rhodope Mountains
	Hedge Woundwort	<i>Stachys sylvatica</i>	
	Wall Germander	<i>Teucrium chamedrys</i>	Rhodope Mountains
	Felty Germander	<i>Teucrium polium</i>	

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Lentibulariaceae			
BK	Balkan Butterwort	<i>Pinguicula balcanica</i>	Rhodope Mountains; Pirin National Park
Linaceae			
	Pale Flax	<i>Linum bienne</i>	
	a flax	<i>Linum capitatum</i>	Rhodope Mountains
	Fairy Flax	<i>Linum catharticum</i>	
	a flax	<i>Linum hirsutum</i>	Rhodope Mountains
	a flax	<i>Linum hologynum</i>	Rhodope Mountains
	a flax	<i>Linum nodiflorum</i>	
	a flax	<i>Linum tenuifolium</i>	Rhodope Mountains
Lythraceae			
	Purple Loosestrife	<i>Lythrum salicaria</i>	
Malvaceae			
	Hollyhock	<i>Althaea pallida</i>	
Moraceae			
	Fig	<i>Ficus carica</i>	
	White Mulberry	<i>Morus alba</i>	
Oleaceae			
	Narrow-leaved Ash	<i>Fraxinus angustifolius</i>	Rhodope Mountains
	Manna Ash	<i>Fraxinus ornus</i>	Rhodope Mountains
	Wild Jasmine	<i>Jasminum fruticans</i>	
	Wild Privet	<i>Ligustrum vulgare</i>	
	Lilac	<i>Syringa vulgaris</i>	
Onagraceae			
	Rosebay Willowherb	<i>Epilobium angustifolium</i>	
	Common Evening-primrose	<i>Oenothera biennis</i>	
Orobanchaceae			
	Small Cow-wheat	<i>Melampyrum sylvaticum</i>	Rhodope Mountains; Pirin National Park
	Whorled Lousewort	<i>Pedicularis verticillata</i>	Pirin National Park
	Yellow Rattle	<i>Rhinanthus minor</i>	
	a yellow rattle	<i>Rhinanthus rumelicus</i>	
	a yellow rattle	<i>Rhinanthus wagneri</i>	
Oxalidaceae			
	Wood Sorrel	<i>Oxalis acetosella</i>	Rhodope Mountains
Papaveraceae (inc. Fumariaceae)			
	Corn Poppy	<i>Papaver rhoeas</i>	
	Greater Celandine	<i>Chelidonium majus</i>	Rhodope Mountains
Plantaginaceae (inc Globulariaceae, part Scrophulariaceae)			
	Grecian Foxglove	<i>Digitalis lanata</i>	
BK	Green-flowered Foxglove	<i>Digitalis viridiflora</i>	
		<i>Globularia aphyllanthes</i>	Rhodope Mountains
	Matted Globularia	<i>Globularia cordifolia</i>	Rhodope Mountains
	a toadflax	<i>Linaria grandiflora</i>	
	Great Plantain	<i>Plantago major</i>	
	Hoary Plantain	<i>Plantago media</i>	
		<i>Plantago subulata</i>	Pirin National Park
	Brooklime	<i>Veronica beccabunga</i>	Rila National Park
	Germander Speedwell	<i>Veronica chamaedrys</i>	
Platanaceae			
	Eastern Plane Tree	<i>Platanus orientalis</i>	
Plumbaginaceae			
	a thrift	<i>Armeria rumelica</i>	
Polygalaceae			
	Large Milkwort	<i>Polygala major</i>	

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Polygonaceae			
	Sheep's Sorrel	<i>Rumex acetosella</i>	
	Monk's Rhubarb	<i>Rumex alpinum</i>	
Primulaceae			
	Scarlet Pimpernel	<i>Anagallis arvensis</i>	
	Dotted Loosestrife	<i>Lysimachia punctata</i>	
	Yellow Loosestrife	<i>Lysimachia vulgaris</i>	
Ranunculaceae			
BK	Bulgarian Columbine	<i>Aquilegia aurea</i>	Pirin National Park
	Marsh Marigold	<i>Caltha palustris</i>	Pirin National Park
	Traveller's Joy	<i>Clematis vitalba</i>	
	Hepatica	<i>Hepatica nobilis</i>	
	Love-in-a-mist	<i>Nigella damascena</i>	
	Greater Meadow-rue	<i>Thalictrum aquilegifolium</i>	
	Common Meadow-rue	<i>Thalictrum minus</i>	
	Globeflower	<i>Trollius europaeus</i>	Rila National Park
Resedaceae			
	Yellow Mignonette	<i>Reseda lutea</i>	
Rhamnaceae			
	Thorn of Christ	<i>Paliurus spina-christi</i>	
Rosaceae			
	Willow-leaved Spiraea	<i>Spiraea salicifolia</i>	Kresna Gorge
	Meadowsweet	<i>Filipendula ulmaria</i>	
	Dropwort	<i>Filipendula vulgaris</i>	
	Raspberry	<i>Rubus idaeus</i>	
	Agrimony	<i>Agrimonia eupatoria</i>	
	Greater Burnet	<i>Sanguisorba officinalis</i>	
	Erect Cinquefoil	<i>Potentilla erecta</i>	
	Spring Cinquefoil	<i>Potentilla neumanniana</i>	
		<i>Potentilla ternata</i>	
	Red Avens	<i>Geum coccineum</i>	
	Alpine Avens	<i>Geum montanum</i>	
	Water Avens	<i>Geum rivale</i>	Rhodope Mountains
	Rowan	<i>Sorbus aucuparia</i>	
	Sloe	<i>Prunus spinosa</i>	
	Plum	<i>Prunus domestica</i>	
	Dog Rose	<i>Rosa canina</i> agg.	
	Hawthorn	<i>Crataegus monogyna</i>	
Rubiaceae			
BK	a bedstraw	<i>Galium rhodopeum</i>	Rhodope Mountains
	Lady's Bedstraw	<i>Galium verum</i>	
		<i>Cruciata glabra</i>	
	Crosswort	<i>Cruciata laevipes</i>	
Salicaceae			
	Lombardy Poplar	<i>Populus nigra</i>	Kresna Gorge
	Aspen	<i>Populus tremula</i>	Rhodope Mountains
	White Willow	<i>Salix alba</i>	
	Goat Willow	<i>Salix caprea</i>	
Saxifragaceae			
	Encrusted Saxifrage	<i>Saxifraga paniculata</i>	
	Round-leaved Saxifrage	<i>Saxifraga rotundifolia</i>	Pirin National Park
BK		<i>Saxifraga sempervivens</i>	
BK		<i>Saxifraga strobilifera</i>	Rhodope Mountains

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Santalaceae			
	Alpine Bastard Toadflax	<i>Thesium alpinum</i>	Rhodope Mountains
Scrophulariaceae			
BG	Bulgarian Figwort	<i>Scrophularia bulgarica</i>	
	Common Figwort	<i>Scrophularia nodosa</i>	
	Small Cow-wheat	<i>Melampyrum sylvaticum</i>	
	a mullein	<i>Verbascum davidoffii</i>	
	Dense-flowered Mullein	<i>Verbascum densiflorum</i>	Rhodope Mountains
BK	a mullein	<i>Verbascum humile</i>	Rhodope Mountains
	a mullein	<i>Verbascum longifolium</i>	
BK	a mullein	<i>Verbascum roripifolium</i>	Rhodope Mountains
	Hungarian Mullein	<i>Verbascum speciosum</i>	Rhodope Mountains
Solanaceae			
	Bittersweet	<i>Solanum dulcamara</i>	
Thymelaeaceae			
		<i>Daphne mezereum</i>	
	Olive-leaved Daphne	<i>Daphne oleoides</i>	
Tilaceae			
	Large-leaved Lime	<i>Tilia platyphyllos</i>	Rhodope Mountains
	Silver Lime	<i>Tilia tomentosa</i>	Rhodope Mountains
Ulmaceae			
	Wych Elm	<i>Ulmus glabra</i>	Rhodope Mountains
Urticaceae			
	Stinging Nettle	<i>Urtica dioica</i>	
	Pellitory-of-the-Wall	<i>Parietaria officinalis</i>	
Valerianaceae			
	Common Valerian	<i>Valeriana officinalis</i>	
BK	Mountain Valerian	<i>Valeriana montana</i>	
Verbenaceae			
	Vervain	<i>Verbena officinalis</i>	
Violaceae			
	Yellow Wood Violet	<i>Viola biflora</i>	
BK	a violet	<i>Viola orbelica</i>	
	Wild Pansy	<i>Viola tricolor</i>	
Vitaceae			
	Common Vine	<i>Vitis vinifera</i>	
MONOCOTS			
Amaryllidaceae			
		<i>Allium melanantherum</i>	
Araceae			
	Italian lords-and-ladies	<i>Arum italicum</i>	
Asparagaceae			
	St Bernard's Lily	<i>Anthericum liliago</i>	Rhodope Mountains
	Wild Asparagus	<i>Asparagus officinalis</i>	Kresna Gorge
	Tassel Hyacinth	<i>Muscari comosum</i>	Rhodope Mountains
	Spiked Star of Bethlehem	<i>Ornithogalum pyrenaicum</i>	
Liliaceae			
BK		<i>Lilium jankae</i>	
	Martagon Lily	<i>Lilium martagon</i>	Rhodope Mountains; Pirin National Park
Melanthiaceae			
	Herb-paris	<i>Paris quadrifolia</i>	Rhodope Mountains
	White False Helleborine	<i>Veratrum album</i>	Rhodope Mountains

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Orchidaceae			
	Bug Orchid	<i>Anacamptis (was Orchis) coriophora</i>	Rhodope Mountains
	Green-winged Orchid	<i>Anacamptis (was Orchis) morio</i>	Rhodope Mountains
	Elegant Orchid	<i>Anacamptis (was Orchis) palustris ssp elegans</i>	Rhodope Mountains
	Pyramidal Orchid	<i>Anacamptis pyramidalis</i>	Rhodope Mountains
	Sword-leaved Helleborine	<i>Cephalanthera longifolia</i>	
	Red Helleborine	<i>Cephalanthera rubra</i>	Rhodope Mountains; Pirin National Park
	Frog Orchid	<i>Coeloglossum viride</i>	Rhodope Mountains
	Coral-root Orchid	<i>Corallorhiza trifida</i>	Rhodope Mountains
	Lady's-slipper Orchid	<i>Cypripedium calceolus</i>	Rhodope Mountains
	Baumann's Marsh Orchid	<i>Dactylorhiza baumanniana</i>	Rila National Park
	Heart-lipped Marsh Orchid	<i>Dactylorhiza cordigera</i>	Rhodope Mountains; Rila National Park
	Early Marsh Orchid	<i>Dactylorhiza incarnata</i>	Rhodope Mountains
	Heath Spotted Orchid	<i>Dactylorhiza maculata</i>	Rhodope Mountains
	Wedge-lipped Orchid	<i>Dactylorhiza saccifera</i>	
	Elder-flowered Orchid	<i>Dactylorhiza sambucina</i>	
	Dark-red Helleborine	<i>Epipactis atrorubens</i>	Rhodope Mountains
	Broad-leaved Helleborine	<i>Epipactis helleborine</i>	Rhodope Mountains
	Marsh Helleborine	<i>Epipactis palustris</i>	
	Creeping Ladies Tresses	<i>Goodyera repens</i>	Rhodope Mountains
	Fragrant Orchid	<i>Gymnadenia conopsea</i>	
	Frivald's Gymnadenia	<i>Gymnadenia frivaldii</i>	Rila National Park
	Balkan Lizard Orchid	<i>Himantoglossum caprinum</i>	
	Violet Limodore	<i>Limodorum abortivum</i>	
	Burnt-tip Orchid	<i>Neotinea (was Orchis) ustulata</i>	Rhodope Mountains
	Bird's-nest Orchid	<i>Neottia nidus-avis</i>	Rhodope Mountains
	Common Twayblade	<i>Neottia (was Listera) ovata</i>	Rhodope Mountains
	Black Vanilla Orchid	<i>Nigratella nigra</i>	Rila National Park
	Lax-flowered Orchid	<i>Orchis laxiflora</i>	
	Fly Orchid	<i>Ophrys insectifera</i>	Rhodope Mountains
	Greater Butterfly Orchid	<i>Platanthera chlorantha</i>	Rhodope Mountains
	Small-white Orchid	<i>Pseudorchis albida</i>	Rila National Park
Ruscaceae			
	Butcher's Broom	<i>Ruscus aculeatus</i>	

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VERTEBRATES			
Mammals			
	Roe Deer	<i>Capreolus capreolus</i>	
	Brown Hare	<i>Lepus europaeus</i>	
	Balkan Chamois	<i>Rupicapra rupicapra balcanica</i>	Rhodope Mountains; Pirin National Park
	Red Squirrel	<i>Sciurus vulgaris</i>	
	European Souslik	<i>Spermophilus citellus</i>	Rila National Park
Amphibians			
	Marsh Frog	<i>Pelophylax ridibunda</i>	
	Common Frog	<i>Rana temporaria</i>	
Reptiles			
	Sand Lizard	<i>Lacerta agilis</i>	
	European Green Lizard	<i>Lacerta viridis</i>	
	Grass Snake	<i>Natrix natrix</i>	Iskar River
	Common Wall Lizard	<i>Podarcis muralis</i>	
	Viviparous (Common) Lizard	<i>Zootoca vivipara</i>	

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BIRDS										
Family Anatidae (Ducks, Geese and Swans)										
	Mallard	<i>Anas platyrhynchos</i>								◆
Family Phalacrocoracidae (Cormorants)										
	Cormorant	<i>Phalacrocorax carbo</i>				◆	◆		◆	
Family Ardeidae (Hérons)										
	Little Egret	<i>Egretta garzetta</i>							◆	
	Grey Heron	<i>Ardea cinerea</i>							◆	
Family Ciconiidae (Storks)										
	White Stork	<i>Ciconia ciconia</i>	◆			◆	◆	◆	◆	◆
	Black Stork	<i>Ciconia nigra</i>		◆	◆				◆	
Family Accipitridae (Hawks, Eagles and Vultures)										
	Griffon Vulture	<i>Gyps fulvus</i>							◆	
	Short-toed Eagle	<i>Circus gallicus</i>				◆				
	Montagu's Harrier	<i>Circus pygargus</i>	◆							
	Long-legged Buzzard	<i>Buteo rufinus</i>					◆			
	Common Buzzard	<i>Buteo buteo</i>	◆		◆	◆	◆	◆	◆	◆
	Honey Buzzard	<i>Pernis apivorus</i>			◆	◆				
	Sparrowhawk	<i>Accipiter nisus</i>				◆				
Family Falconidae (Falcons)										
	Kestrel	<i>Falco tinnunculus</i>	◆	◆		◆	◆		◆	◆
Family Charadriidae (Plovers)										
	Little Ringed Plover	<i>Charadrius dubius</i>				◆				
Family Scolopacidae (Sandpipers)										
	Green Sandpiper	<i>Tringa ochropus</i>				◆				
Family Laridae (Gulls)										
	Yellow-legged Gull	<i>Larus michahellis</i>							◆	
Family Columbidae (Pigeons and Doves)										
	Rock Dove/Feral Pigeon	<i>Columba livia</i>	◆	◆	◆	◆	◆	◆	◆	◆
	Woodpigeon	<i>Columba palumbus</i>	◆				◆	◆		
	Collared Dove	<i>Streptopelia decaocto</i>	◆			◆	◆			◆
	Turtle Dove	<i>Streptopelia turtur</i>	◆					◆	◆	
Family Apodidae (Swifts)										
	Swift	<i>Apus apus</i>	◆	◆	◆	◆				◆
	Pallid Swift	<i>Apus pallidus</i>				◆	◆	◆	◆	
	Alpine Swift	<i>Tachymarptis melba</i>		◆	◆					
Family Upupidae (Hoopes)										
	Hoopoe	<i>Upupa epops</i>				◆				
Family Meropidae (Bee-eaters)										
	Bee-eater	<i>Merops apiaster</i>	◆							
Family Picidae (Woodpeckers)										
	Black Woodpecker	<i>Dryocopus martius</i>				◆	◆			
	Green Woodpecker	<i>Picus viridis</i>				◆		◆	◆	◆
	Grey-headed Woodpecker	<i>Picus canus</i>		◆		◆				
	Great Spotted Woodpecker	<i>Dendrocopos major</i>		◆			◆		◆	◆
	Middle Spotted Woodpecker	<i>Dendrocopos medius</i>							◆	
	Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>								◆
Family Alaudidae (Larks)										
	Skylark	<i>Alauda arvensis</i>					◆			
	Crested Lark	<i>Galerida cristata</i>	◆			◆				
	Woodlark	<i>Lullula arborea</i>	◆				◆	◆	◆	

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Family Hirundinidae (Swallows and Martins)										
	Swallow	<i>Hirundo rustica</i>	◆	◆	◆	◆	◆	◆	◆	◆
	Red-rumped Swallow	<i>Hirundo daurica</i>	◆	◆	◆	◆	◆	◆	◆	◆
	House Martin	<i>Delichon urbica</i>	◆	◆	◆	◆	◆	◆	◆	◆
	Crag Martin	<i>Ptyonoprogne rupestris</i>	◆	◆	◆	◆	◆	◆	◆	◆
Family Motacillidae (Wagtails and Pipits)										
	White Wagtail	<i>Motacilla (alba) alba</i>	◆	◆	◆	◆	◆	◆	◆	◆
	Grey Wagtail	<i>Motacilla cinerea</i>	◆	◆	◆	◆	◆	◆	◆	◆
Family Cinclidae (Dippers)										
	Dipper	<i>Cinclus cinclus</i>		◆	◆	◆				◆
Family Troglodytidae (Wrens)										
	Wren	<i>Troglodytes troglodytes</i>		◆	◆	◆	◆	◆	◆	
Family Prunellidae (Accentors)										
	Dunnock	<i>Prunella modularis</i>			◆		◆	◆		
Family Turdidae (Thrushes)										
	Song Thrush	<i>Turdus philomelos</i>			◆	◆	◆			◆
	Mistle Thrush	<i>Turdus viscivorus</i>			◆	◆	◆	◆		
	Ring Ouzel	<i>Turdus torquatus alpestris</i>					◆	◆		
	Blackbird	<i>Turdus merula</i>	◆	◆	◆	◆	◆	◆	◆	◆
Family Muscicapidae (Flycatchers and Chats)										
	Robin	<i>Erithacus rubecula</i>			◆	◆	◆	◆	◆	
	Nightingale	<i>Luscinia megarhynchos</i>	◆			◆			◆	
	Black Redstart	<i>Phoenicurus ochruros</i>		◆	◆	◆	◆	◆	◆	◆
	Northern Wheatear	<i>Oenanthe oenanthe</i>					◆			
	Isabelline Wheatear	<i>Oenanthe isabellina</i>	◆							
Family Sylviidae (Scrub Warblers)										
	Blackcap	<i>Sylvia atricapilla</i>	◆	◆	◆	◆	◆	◆	◆	◆
	Lesser Whitethroat	<i>Sylvia curruca</i>		◆	◆	◆			◆	
Family Acrocephalidae (Reed Warblers)										
	Great Reed Warbler	<i>Acrocephalus arundinaceus</i>				◆				
	Eastern Olivaceous Warbler	<i>Iduna pallida</i>	◆			◆			◆	
Family Cettiidae (Bush Warblers)										
	Cetti's Warbler	<i>Cettia cetti</i>				◆				
Family Phylloscopidae (Leaf Warblers)										
	Chiffchaff	<i>Phylloscopus collybita</i>		◆	◆	◆	◆	◆	◆	
Family Regulidae (Crests)										
	Goldcrest	<i>Regulus regulus</i>			◆		◆			◆
	Firecrest	<i>Regulus ignicapilla</i>		◆	◆	◆	◆	◆		
Family Paridae (Tits)										
	Great Tit	<i>Parus major</i>	◆	◆	◆	◆	◆	◆	◆	◆
	Blue Tit	<i>Cyanistes caeruleus</i>		◆		◆			◆	
	Marsh Tit	<i>Poecile palustris</i>		◆					◆	
	Sombre Tit	<i>Poecile lugubris</i>			◆					
	Coal Tit	<i>Periparus ater</i>			◆	◆	◆	◆	◆	◆
Family Aegithalidae (Long-tailed Tits)										
	Long-tailed Tit	<i>Aegithalos caudatus</i>			◆	◆			◆	
Family Sittidae (Nuthatches)										
	Nuthatch	<i>Sitta europaea</i>							◆	◆
Family Certhiidae (Treecreepers)										
	Common Treecreeper	<i>Certhia familiaris</i>							◆	
Family Laniidae (Shrikes)										
	Red-backed Shrike	<i>Lanius collurio</i>	◆		◆	◆	◆	◆	◆	
	Woodchat Shrike	<i>Lanius senator</i>	◆							
	Lesser Grey Shrike	<i>Lanius minor</i>	◆							

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Family Corvidae (Crows)										
	Magpie	<i>Pica pica</i>	◆				◆		◆	◆
	Jay	<i>Garrulus glandarius</i>	◆	◆	◆	◆	◆	◆	◆	◆
	Nutcracker	<i>Nucifraga caryocatactes</i>					◆	◆		
	Jackdaw	<i>Corvus monedula</i>					◆			
	Hooded Crow	<i>Corvus cornix</i>	◆	◆	◆		◆	◆	◆	◆
	Raven	<i>Corvus corax</i>	◆		◆		◆		◆	
Family Sturnidae (Starlings)										
	Starling	<i>Sturnus vulgaris</i>	◆			◆	◆	◆	◆	◆
Family Oriolidae (Orioles)										
	Golden Oriole	<i>Oriolus oriolus</i>	◆			◆	◆	◆	◆	
Family Passeridae (Sparrows)										
	House Sparrow	<i>Passer domesticus</i>	◆	◆		◆	◆	◆	◆	◆
	Spanish Sparrow	<i>Passer hispaniolensis</i>	◆			◆	◆		◆	◆
	Tree Sparrow	<i>Passer montanus</i>			◆	◆	◆	◆	◆	
Family Fringillidae (Finches)										
	Chaffinch	<i>Fringilla coelebs</i>	◆	◆	◆	◆	◆	◆	◆	◆
	Linnet	<i>Carduelis cannabina</i>	◆			◆				
	Goldfinch	<i>Carduelis carduelis</i>	◆		◆	◆	◆	◆	◆	
	Greenfinch	<i>Carduelis chloris</i>		◆				◆	◆	
	Siskin	<i>Carduelis spinus</i>		◆						
	Serin	<i>Serinus serinus</i>		◆	◆	◆	◆	◆	◆	
	Bullfinch	<i>Pyrrhula pyrrhula</i>		◆				◆	◆	◆
	Common Crossbill	<i>Loxia curvirostra</i>					◆	◆		
	Common Rosefinch	<i>Carpodacus erythrinus</i>						◆	◆	
	Hawfinch	<i>Coccothraustes coccothraustes</i>				◆				
Family Emberizidae (Buntings)										
	Yellowhammer	<i>Emberiza citrinella</i>			◆	◆	◆	◆	◆	
	Cirl Bunting	<i>Emberiza cirlus</i>				◆				
	Black-headed Bunting	<i>Emberiza melanocephala</i>	◆							
	Corn Bunting	<i>Emberiza calandra</i>	◆			◆	◆	◆	◆	◆



Left to right: Sombre Tit, Ring Ouzel and Nutcracker (photos courtesy David Hooker)

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	ENGLISH NAME	SCIENTIFIC NAME	20	21	22	23	24	25	26	27
BUTTERFLIES										
Family Hesperidae (Skippers)										
1	Dingy Skipper	<i>Erynnis tages</i>	◆						◆	
2	Mallow Skipper	<i>Carcharodus alceae</i>	◆			◆				
3	Tufted Marbled Skipper	<i>Carcharodus flocciferus</i>			◆					
4	Hungarian Skipper	<i>Spialia orbifer</i>				◆				
5	Yellow-banded Skipper	<i>Pyrgus sidae</i>				◆				
6	Sandy Grizzled Skipper	<i>Pyrgus cinarae</i>							◆	
7	Chequered Skipper	<i>Carterocephalus palaemon</i>			◆				◆	
8	Essex Skipper	<i>Thymelicus lineola</i>						◆		
9	Small Skipper	<i>Thymelicus sylvestris</i>			◆	◆	◆	◆	◆	
10	Large Skipper	<i>Ochlodes Sylvanus</i>		◆	◆	◆	◆	◆	◆	
Family Papilionidae (Swallowtails, Festoons, Apollos)										
11	Eastern Festoon	<i>Zerynthia cerisy</i>				◆				
12	Apollo	<i>Parnassius apollo</i>		◆						
13	Clouded Apollo	<i>Parnassius mnemosyne</i>						◆		
14	Swallowtail	<i>Papilio machaon</i>	◆			◆				◆
15	Scarce Swallowtail	<i>Iphiclus podalirius</i>	◆	◆	◆	◆			◆	◆
Family Pieridae (Whites)										
16	Wood White	<i>Leptidea sinapis</i>	◆	◆	◆	◆	◆			
17	Eastern Wood White	<i>Leptidea duponcheli</i>							◆	
18	Orange Tip	<i>Anthocharis cardamines</i>						◆	◆	
19	Black-veined White	<i>Aporia crataegi</i>		◆	◆	◆	◆	◆	◆	
20	Large White	<i>Pieris brassicae</i>	◆	◆	◆	◆		◆	◆	◆
21	Green-veined White	<i>Pieris napi</i>					◆	◆	◆	◆
22	Small White	<i>Pieris rapae</i>		◆	◆	◆		◆	◆	
23	Southern Small White	<i>Pieris mannii</i>						◆		
24	Eastern Bath White	<i>Pontia edusa</i>				◆				
25	Clouded Yellow	<i>Colias crocea</i>	◆	◆	◆	◆	◆	◆	◆	
26	Berger's Clouded Yellow	<i>Colias alfacariensis</i>	◆			◆				
27	Eastern Pale Clouded Yellow	<i>Colias erate</i>	◆							
28	Brimstone	<i>Gonepteryx rhamni</i>	◆			◆				
Family Lycaenidae (Blues, Coppers, Hairstreaks)										
subfamily Lycaeninae (Coppers)										
29	Small Copper	<i>Lycaena phlaeas</i>			◆	◆		◆	◆	
30	Sooty Copper	<i>Lycaena tityrus</i>							◆	
31	Large Copper	<i>Lycaena dispar</i>							◆	
32	Scarce Copper	<i>Lycaena virgaureae</i>			◆	◆			◆	
33	Purple-shot Copper	<i>Lycaena alciphron</i>				◆				
34	Lesser Fiery Copper	<i>Lycaena thersamon</i>				◆				
35	Balkan Copper	<i>Lycaena candens</i>			◆	◆	◆			
subfamily Theclinae (Hairstreaks)										
36	Green Hairstreak	<i>Callophrys rubi</i>		◆	◆					
37	Ilex Hairstreak	<i>Satyrus ilicis</i>				◆				
38	Sloe Hairstreak	<i>Satyrus acaciae</i>	◆			◆				
subfamily Polyommatainae (Blues and Arguses)										
39	Little Blue	<i>Cupido minimus</i>		◆	◆	◆			◆	
40	Holly Blue	<i>Celastrina argiolus</i>				◆				◆
41	Large Blue	<i>Maculinea arion</i>				◆				
42	Alcon Blue	<i>Maculinea rebeli</i>		◆						
43	Silver-studded Blue	<i>Plebejus argus</i>		◆	◆	◆				
44	Geranium Argus	<i>Eumedonia eumedon</i>		◆	◆					
45	Brown Argus	<i>Aricia agestis</i>				◆			◆	

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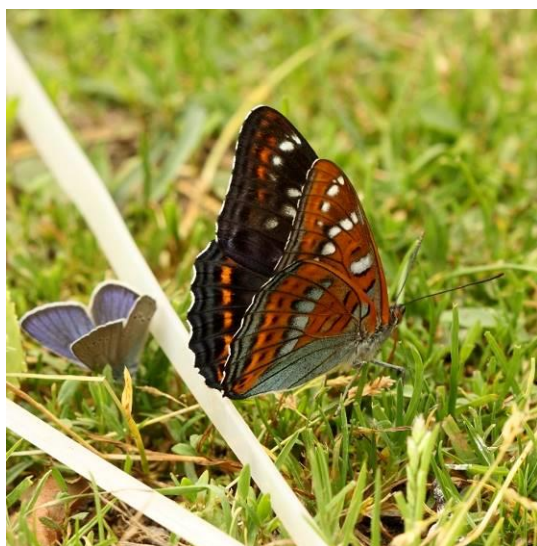
	ENGLISH NAME	SCIENTIFIC NAME	20	21	22	23	24	25	26	27
46	Mazarine Blue	<i>Cyaniris semiargus</i>		◆	◆	◆	◆	◆	◆	
47	Amanda's Blue	<i>Polyommatus amandus</i>		◆			◆			
48	Common Blue	<i>Polyommatus Icarus</i>	◆	◆	◆	◆	◆	◆	◆	
49	Meleager's Blue	<i>Meleageria daphnis</i>		◆						
50	Adonis Blue	<i>Polyommatus bellargus</i>	◆	◆				◆		
Family Nymphalidae (Nymphs, Fritillaries and Browns)										
subfamily Nymphalinae (Nymphs and Fritillaries)										
51	Silver-washed Fritillary	<i>Argynnis paphia</i>			◆	◆	◆			
52	High Brown Fritillary	<i>Argynnis adippe</i>			◆					
53	Niobe Fritillary	<i>Argynnis niobe</i>		◆					◆	
54	Queen of Spain Fritillary	<i>Issoria lanthonia</i>		◆		◆	◆	◆	◆	
55	Marbled Fritillary	<i>Brenthis daphne</i>		◆		◆				
56	Twin-spot Fritillary	<i>Brenthis hecate</i>						◆		
57	Pearl-bordered Fritillary	<i>Boloria euphrosyne</i>					◆			
58	Small Pearl-bordered Fritillary	<i>Boloria selene</i>				◆	◆			
59	Weaver's Fritillary	<i>Boloria dia</i>				◆	◆			
60	Balkan Fritillary	<i>Boloria graeca</i>						◆		
61	Marsh Fritillary	<i>Euphydryas aurinia</i>			◆					
62	Knapweed Fritillary	<i>Melitaea phoebe</i>	◆	◆				◆		
63	Glanville Fritillary	<i>Melitaea cinxia</i>		◆	◆					
64	Lesser Spotted Fritillary	<i>Melitaea trivia</i>	◆	◆		◆		◆		
65	Spotted Fritillary	<i>Melitaea didyma</i>			◆	◆			◆	
66	Heath Fritillary	<i>Melicta athalia</i>		◆	◆	◆	◆	◆	◆	
67	Red Admiral	<i>Vanessa atalanta</i>					◆			
68	Painted Lady	<i>Vanessa cardui</i>	◆	◆	◆	◆	◆	◆	◆	◆
69	Peacock	<i>Inachis io</i>		◆	◆	◆	◆	◆	◆	
70	Small Tortoiseshell	<i>Aglaia urticae</i>		◆	◆		◆	◆	◆	
71	Comma	<i>Polioptilia c-album</i>		◆	◆	◆	◆	◆	◆	
72	Map	<i>Araschnia levana</i>				◆				◆
subfamily Limenitidinae (Admirals and Gliders)										
73	White Admiral	<i>Limenitis camilla</i>			◆					
74	Poplar Admiral	<i>Limenitis populi</i>							◆	
75	Common Glider	<i>Neptis sappho</i>							◆	
subfamily Satyrinae (Browns, Graylings, Marbled Whites)										
76	Speckled Wood	<i>Pararge aegeria</i>			◆				◆	
77	Large Wall	<i>Lasiommata maera</i>		◆	◆	◆	◆	◆	◆	
78	Northern Wall	<i>Lasiommata petropolitana</i>					◆	◆		
79	Wall	<i>Lasiommata megera</i>		◆	◆			◆	◆	
80	Ringlet	<i>Aphantopus hyperantus</i>			◆	◆	◆			
81	Meadow Brown	<i>Maniola jurtina</i>		◆	◆	◆	◆	◆	◆	
82	Small Heath	<i>Coenonympha pamphilus</i>	◆	◆		◆				
83	Chestnut Heath	<i>Coenonympha glycerion</i>			◆		◆			
84	Pearly Heath	<i>Coenonympha arcania</i>		◆	◆	◆		◆		◆
85	Eastern Large Heath	<i>Coenonympha rhodopensis</i>					◆	◆		
86	Arran Brown	<i>Erebia ligea</i>					◆			
87	Woodland Ringlet	<i>Erebia medusa</i>		◆	◆					
88	Bright-eyed Ringlet	<i>Erebia oeme</i>		◆			◆	◆		
89	Ottoman Brassy Ringlet	<i>Erebia ottomana</i>					◆			
90	Marbled White	<i>Melanargia galathea</i>	◆	◆	◆	◆	◆	◆	◆	◆
91	Balkan Marbled White	<i>Melanargia larissa</i>				◆			◆	
92	Great Banded Grayling	<i>Brintesia circe</i>	◆			◆			◆	
93	Eastern Rock Grayling	<i>Hipparchia syriaca</i>			◆				◆	

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	ENGLISH NAME	SCIENTIFIC NAME	NOTES
LEPIDOPTERA - Moths			
Family Zygaenidae (Forester and burnet moths)			
	a forester	<i>Adscita</i> sp.	
	Transparent Burnet	<i>Zygaena purpuralis</i>	
	Slender Scotch Burnet	<i>Zygaena loti</i>	
	New Forest Burnet	<i>Zygaena viciae</i>	
	Six-spot Burnet	<i>Zygaena filipendulae</i>	
	Narrow-bordered Five-spot Burnet	<i>Zygaena lonicerae</i>	
Family Crambidae (Grass moths)			
	Pygmy	<i>Thyris fenestrella</i>	
Family Thyrididae (Picture-winged leaf moths)			
		<i>Pyrausta aerealis</i>	
Family Pyralidae (Snout moths)			
		<i>Synaphe moldavica</i>	
	Small Magpie	<i>Anania hortulata</i>	
	Mother of Pearl	<i>Pleuroptya ruralis</i>	
Family Lasiocampidae (Eggars)			
	Oak Eggar	<i>Lasiocampa quercus</i>	
	Small Lappet	<i>Phyllodesma ilicifolia</i>	
Family Geometridae (Thorns, beauties, umbers and allies)			
		<i>Lythria cruentaria</i>	
	Chimney Sweeper	<i>Odezia atrata</i>	
	Frosted Yellow	<i>Isturgia limbaria</i>	
	Swallow-tailed Moth	<i>Ourapteryx sambucaria</i>	
		<i>Rhodostrophia discopunctata</i>	
	Speckled Yellow	<i>Pseudopanthera macularia</i>	
	Common Heath	<i>Ematurga atomaria</i>	
	Bordered White	<i>Bupalus piniaria</i>	
	Black-veined Moth	<i>Siona lineate</i>	
Family Sphingidae (Hawkmoths)			
	Hummingbird Hawk-moth	<i>Macroglossum stellatarum</i>	
	Pine Hawk-moth	<i>Sphinx pinastri</i>	
	Broad-bordered Hawk-moth	<i>Hemaris fuciformis</i>	
	Spurge Hawk-moth	<i>Hyles euphorbiae</i>	larva
Family Erebididae			
	Four-dotted Footman	<i>Cybosia mesomella</i>	
	Feathered Footman	<i>Coscinia striata</i>	
	Wood Tiger	<i>Parasemia plantaginis</i>	
	Cream-spot Tiger	<i>Arctia villica</i>	
	Clouded Buff	<i>Diacrisia sannio</i>	
	Buff Ermine	<i>Spilosoma lutea</i>	
	The Nine-spotted	<i>Amata phegea</i>	
	Oak Yellow Underwing	<i>Catocala nymphogoga</i>	
	The Snout	<i>Hypena proboscidalis</i>	
Family Noctuidae (Noctuids)			
	Silver Y	<i>Autographa gamma</i>	
	Burnet Companion	<i>Euclidia glyphica</i>	

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	ENGLISH NAME	SCIENTIFIC NAME	NOTES
ODONATA - Dragonflies and Damselflies			
Family Calopterygidae (Demoiselles)			
	Banded Demoiselle	<i>Calopteryx splendens</i>	
	Beautiful Demoiselle	<i>Calopteryx virgo</i>	
Family Lestidae (Spreadwings)			
	Southern Emerald Damselfly	<i>Lestes barbaras</i>	
Family Coenagrionidae (Pond Damselflies)			
	Common Blue Damselfly	<i>Enallagma cyathigerum</i>	
Family Platycnemididae (Featherlegs)			
	White-legged Damselfly	<i>Platycnemis pennipes</i>	
Family Aeshnidae (Hawkers)			
	Emperor Dragonfly	<i>Anax imperator</i>	
	Lesser Emperor	<i>Anax parthenope</i>	
Family Gomphidae (Clubtails)			
	Common Clubtail	<i>Gomphus vulgatissimus</i>	
	Small Pincertail	<i>Onychogomphus forcipatus</i>	
Family Cordulegastridae (Goldenrings)			
	Sombre Goldenring	<i>Cordulegaster bidentata</i>	
Family Libellulidae (Chasers)			
	Broad-bodied Chaser	<i>Libellula depressa</i>	
	Southern Skimmer	<i>Orthetrum brunneum</i>	
	Common Darter	<i>Sympetrum striolatum</i>	
	Broad Scarlet	<i>Crocothemis erythraea</i>	
NEUROPTERA - Net-winged insects			
	Spoon-tailed Lacewing	<i>Nemoptera sinuate</i>	
	an owlfly	<i>Ascalaphus macaronius</i>	
HYMENOPTERA - Bees, wasps, ants, sawflies			
	a long-horned bee	<i>Eucera</i> sp.	
	Violet Carpenter Bee	<i>Xylocopa violacea</i>	
	European Hornet	<i>Vespa crabro</i>	
COLEOPTERA - Beetles			
	Firefly	Family Lampyridae (Subfamily Luciolinae?)	



Left to right: Poplar Admiral, Ottoman Brassy Ringlet and Scarce Copper (photos courtest Simeon Gigov)