

Bulgaria - Flowers of the Balkans

Naturetrek Tour Report

16 - 23 June 2018



Moneses uniflora



Red Crossbill



Dactylorhiza baumanniana



Pirin mountain trail



Purple-edged Copped

Report and images by Andrew Cleave



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Summary

Our week in southern Bulgaria took us to some stunning botanical locations and we were able to find a huge range of plants, many of them Balkan endemics. The middle of June is a good time to visit this region as the mountain roads and passes are mostly clear of snow and the alpine flora is at its best. We visited some high-altitude sites, many of them above the tree-line, where many beautiful alpine flowers were showing well, some of them at the edge of melting snow patches. We enjoyed pleasant walks through forests where the flora, and the birds and insects, were of great interest. Travelling through the unspoilt countryside gave us the chance to see the type of agriculture still practiced here; White Storks are a still familiar sight with their nests being seen in many of the villages. There was time to visit the Rila Monastery, a world heritage site, and to explore some of the quiet villages.

Day 1

Saturday 16th June

Our morning BA flight from Gatwick arrived in Sofia in the early afternoon where the party assembled at the airport. Vlado and our driver met us and we transferred to the comfortable modern bus. Once we had negotiated the traffic in Sofia, we headed south towards the Studena Lodge near the village of Dragichevo which was to be our base for the next two days. The torrential rain which greeted us on arrival had cleared by the time we were on the road, so it was possible to make a slight detour and visit the Vitosha Mountain lodge, by way of a cobbled road which rose steeply out of the city and through a dense forest. We explored the roadsides here and found some colourful species, such as the bright orange *Geum coccineum*, and glimpsed a few of the Wedge-lipped Orchids *Dactylorhiza saccifera* as we returned down the road. We eventually reached the Studena Lodge and checked in and there was still plenty of time for a gentle exploration of the surroundings. The sun came out for us and we enjoyed the sight of one of the most striking plants of the roadsides in Bulgaria which we were to see almost every day; *Verbascum speciosum* is a large branched mullein which thrives along the roadsides. Amongst the flora on the verge here we found good numbers of Black-veined White butterflies, drying themselves off after a rainy day.

We met up again in the impressive dining room for our evening meal and Andrew and Vlado explained the plans for the next few days. The view of the distant hills was very impressive and large numbers of House Martins and Swallows, many of which were nesting under the eaves of the building, were feeding over the grounds of the lodge.

Day 2

Sunday 17th June

We awoke to pleasant sunny conditions and after breakfast took a short drive towards Golo Bardo mountain, passing through some small villages on the way where we admired their lush, richly planted gardens. This stony, open site had a very impressive flora and we made rather slow progress, finding plenty of species to interest us. The beautiful golden sub-species of Kidney Vetch *Anthyllis vulneraria* subsp *aurea* was very photogenic, but there were plenty of other endemics and very local species here as well. We wondered about the management of this rich site and then saw a shepherd in the distance guiding his flock across the hillside so the grazing will have

played an important part in maintain the rich flora. One of the ewes became detached from the flock and followed us around for a while. There were two endemic species of Golden Drops here, (*Onosma visianii* and *O. taurica*) growing conveniently close together to help us identify them. We were all busy botanising but did have time to look at birds and butterflies as well, and the Blue-spot Hairstreak was a new species for most of the group.

We moved on to a sheltered woodland site for our picnic, and on a steep roadside bank found some splendid Red Helleborines *Cephalanthera rubra*, one of the many rare British native species we were to encounter during the week.

Moving on to a riverside site we explored the rocks and shingle and the mixed flora included a number of upland species which had been washed down from high altitude by storms. The small foxglove *Digitalis lanata* was quite common here, and the diminutive *Micromeria cristata* was found on the roadside rocks. A brief thunderstorm sent us back to the bus but after it had cleared we returned to Studena and had time for another look around the grounds and the surrounding scrub. Wall Germander *Teucrium chamaedrys* was flowering freely on the top of the wall by the lodge, and the Black-veined White butterflies were even more abundant this evening.

Day 3

Monday 18th June

We packed up and left the Studena Lodge this morning and drove towards Rila but stopped first at another site on the Golo Bardo mountain where more endemic plants awaited us. The richly-coloured *Centuarea immanuelis-loveii* was in full flower here, at one of its few sites in Bulgaria, but we also found a few Balkan Lizard Orchids *Himatoglossum jankae* and at least three species of Yarrow (*Achillea*) relatives, including one hybrid.

From this very rich site we moved on, stopping for a while to look around the small town of Kocherinova where there were many occupied nests of White Storks on the chimney pots. We peered over garden walls at the many vegetable plots, all very carefully tended, with a good variety of fruits and vegetables, vines and flowering shrubs. From here the road led us towards the very famous Rila Monastery, but we stopped off at a traditional restaurant for lunch, which was enjoyed by all. It became rather cloudy and humid as we ascended the mountain road, with the deciduous woodland giving way to slopes of pines and spruce. There was rain falling when we reached the monastery, but we were able to explore this very famous site and visit the magnificent Orthodox Church at its centre. We drove back down the road to a wet meadow, by which time the sun had come out again, and followed a trail through the sedges, finding Marsh Helleborines *Epipactis palustris* in full flower, but sadly the Lax-flowered-type Orchids *Anacamptis palustris* subsp. *elegans* were almost all over; we could see that they would have looked splendid a week or so earlier. This meadow had a few other species of interest in it, including Spiny Restharrow *Ononis spinosa* and the Common Hedge-hyssop *Gratiola officinalis*. A few very large Bush-crickets appeared in the vegetation, resembling the Large Conehead *Ruspolia nitidula*, and the Common Blue butterfly was quite numerous here. A Camberwell Beauty butterfly was also spotted on a track near the meadow and a Nightingale serenaded us from a nearby clump of willows. Other birds noted during the day were Dipper and Grey Wagtail along the river.

We drove on towards Bansko, but a roadside stall selling fruit and preserves was a worthwhile stop, and we feasted on ripe cherries all the way to our destination. Bansko is a mostly modern development, built up as a ski resort around an historic village. Our modern hotel was in the centre of the town, but around it were a few

undeveloped plots which had a very abundant flora growing in them. We enjoyed our evening meal of traditional Bulgarian cuisine in the dining room fitted out in the style of a mountain lodge.

Day 4

Tuesday 19th June

This morning we set off to explore the lower slopes of the Pirin mountain, part of the large National Park created in the 1930s. Despite the development for winter sports, vast areas of the park have been left untouched and we were impressed by the pristine state of much of the habitat we explored. We left the bus at the Banderitsa Lodge and walked up the zig-zag mountain road, exploring the verges on either side. There was so much to see that we made quite slow progress, but it was fairly easy terrain to explore and our list of flowers for the trip grew rapidly. Over our heads the forest was made up mostly of coniferous species, including Bosnian Pine *Pinus heldreichii*, and one very old and very large specimen was a notable sight on the walk up. This tree is known as the Baikusheva Mura and is thought to be 1,300 years old. Birds noted on this walk included Nutcracker, Sombre Tit and Crossbill, but for most of the time we were looking down at the rich flora. There was plenty of colour in the ground flora, with species like Rock Crane's-bill *Geranium macrorrhizum* flowering well in large spreading clumps. Less colourful, but of great interest, were the patches of One-flowered Wintergreen *Moneses uniflora* and the tiny Olive-leaved Daphne *Daphne oleoides*, and in rock crevices we spotted Holly Fern and Brittle Bladder-fern. More splashes of colour were provided by Yellow Flax *Linum capitatum* and the Fox-and-cubs relative *Pilosella guthnikiana*.

We reached a spot where the road crossed a snow-filled gully and had our picnic here with superb views of the mountains and forests all around. After this we explored the margins of the snow patch, finding hundreds of crocus flowers *Crocus veluchensis* just starting to open, and on the grassy margins there were some clumps of Cowslips *Primula veris* in full bloom. It was only a relatively short walk along the road to the Vikren Alpine Lodge where the road ended, and after a short break here, we started on the descent, by way of a stony track. But before we began the walk, we had time to watch the Crossbills which were perched on top of the trees surrounding the lodge. The stony trail crossed a few streams and wet flushes other plants found here included Frivald's Fragrant Orchid *Gymnadenia frivaldii*, and the intensely purple Heart-shaped Marsh Orchid *Dactylorhiza cordigera*. As we followed the path down, we crossed the snow gully at a lower level and more alpine species were found here including Woolly Androsace *Androsace villosa* and Balkan Butterwort *Pinguicula balcanica*. The path led us down to the starting point of our walk at the Banderitsa Lodge where there was time for a coffee break at the cafe before we rejoined the bus to return to Bansko.

As we drove down the steep mountain road, we saw we added two mammals to our list, in the form of a Rabbit and a Hedgehog, and had time for a brief stop to look at more Wedge-lipped Orchids. After a very full day, we met up again to go over our lists and discuss the next day's plans.

Day 5

Wednesday 20th June

The weather looked good again, with mostly clear skies and a light breeze. We took the same mountain road, but this time drive further on to the Vikren Lodge and set off on the mountain trail. Our starting point was 1972 metres above sea level, and the mountains around us rose up considerably higher than this. The path was stony in places, but clearly marked and there was plenty to see as we climbed up. We passed through the last of the trees, which were mostly Dwarf Mountain Pine *Pinus mugo*, before the valley opened out into a grassy area with a

fast-flowing river running through it. Bird's-eye Primrose *Primula farinosa* and Pyrenean Gentian *Gentiana pyrenaica* were found here and, where there were still a few snow patches, the Dwarf Snowbell *Soldanella pusilla* was flowering. We climbed up to a large tarn, known locally as Okoto, or the "Eye Lake", which had patches of Common Quillwort *Isoetes lacustris* growing in the margins, and on the rocks around it, Swiss Clubmoss *Selaginella helvetica* was spotted. Another rare British native species was found nearby in the form of Purple Coltsfoot *Homogyne alpina*, growing out of a carpet of Oak Fern *Gymnocarpium dryopteris*. The Balkan endemic Alpine Bellflower *Campanula alpina* subsp. *orbetica* was also noted as we descended the trail. We returned to the lodge and had our picnic on their terrace where we soon spotted the Crossbills again, but this time we noticed some unusual behaviour as they flew to the wall below the terrace and proceeded to peck at the mortar between the bricks. We were able to get some very close views of these colourful birds as they perched in the trees nearby and on the wall below us.

After our lunch break we drove back down the road and across one of the newly-created ski-slopes to an isolated outcrop of what appeared to be a conglomerate rock, a favourite of rock-climbers. This proved to be quite a productive area botanically, and in the dried-up river bed below this Humming-bird Hawk-moths were watched feeding on Viper's Bugloss *Echium vulgare*. The rather dry pine wood here had some small flowering specimens of Red Helleborine, and growing alongside were two more species of Wintergreen in the form of Nodding Wintergreen *Orthilia secunda* and Pale-green Wintergreen *Pyrola chlorantha*. Another roadside stop here enabled us to find Herb-Paris *Paris quadrifolia*, Twayblade *Neottia ovata* and Bird's-nest Orchids *Neottia nidus-avis*.

Day 6

Thursday 21st June

We were due to leave Bansko today, but after checking out of the hotel there was time to explore one of the undeveloped plots nearby where there was a very colourful flora. The mullein plants towered over us and we added a few more species to our list, including the shrubby Erect Clematis *Clematis recta* and Crown Vetch *Securigera varia*. The numbers of butterflies and other insects foraging in these plots were quite considerable and we added Spanish Sparrow to our bird list here. There was time for a coffee break in the pleasant town centre of Bansko and we visited the ancient church in the historic centre. Storks were nesting on top of the tower, and uncountable numbers of Swifts were feeding overhead.

We took to the road again, leaving the Pirin National Park behind us as we headed south towards Dospat. There was attractive scenery all around and very little traffic. We stopped for lunch at the Satovcha picnic site, where the local people had even provided table cloths in this attractive spot. There were flower-filled meadows all around with Golden Orioles calling and White Storks feeding in the fields. A Red-backed Shrike was seen in the scrub nearby and amongst the butterflies active in the meadows were some striking Purple-edged Coppers. The soil was dry and sandy here which obviously suited the Balkan Thrift *Armeria cariensis* var. *rumelica*. This is a good site for Bug Orchids *Anacamptis coriophora* but they were mostly past their best, as were the Fragrant Orchids *Gymnadenia conopsea* agg, but the Burnt Orchids *Neotinea ustulata* were still flowering very freely.

We stopped at another site where conditions were much wetter, and here we found some better specimens of the Lax-flowered Marsh Orchids, along with some splendid Baumann's Marsh Orchids *Dactylorhiza baumanniana* and more Fragrant and Twayblade Orchids. A small field of potatoes nearby seemed to have an infestation of Colorado Beetles as most of the plants we looked at had adult beetles on them. We finally arrived at our accommodation in the Hotel Dabrash for the last few days of our trip, where there were wonderful far-reaching

views of the Rhodope mountains close to the Greek border. After checking in here we explored the surroundings, finding plenty of specimens of the saprophytic Violet Limodore *Limodorum abortivum* and the unrelated Yellow Bird's-nest *Montropa hypopitys* growing in some abundance under the trees lining the drive. The hotel seemed to have very few other guests and the extensive grounds were quiet which was ideal for bird-watching and relaxing. An enormous ground beetle *Carabus coriaceus* appeared from the undergrowth and amused the photographers for a while, and we enjoyed our pre-dinner drinks on the terrace as swallows and martins swooped overhead on the longest day of the year.

Day 7

Friday 22nd June

For our last full day in Bulgaria we visited the Trigrad Gorge, famous for its dramatic scenery and many rare plants. It took about one hour to get there, but there was impressive scenery to look at on the way. We left the bus at the start of the steepest part of the gorge and walked up the road finding new plants along the way. The Prickly Whorlflower *Morina persica* and Martagon Lily *Lilium martagon* were some of the showiest species, but there were several more additions to our list as we progressed. Limestone Fern *Gymnocarpium robertianum* and Green Spleenwort *Asplenium viride* were new ferns for the list. Sadly, the Wallcreeper which this site was noted for seems to have deserted the area, so we did not linger here, apart from a short while when some Crag Martins flew by, giving quite close views.

When we reached the bus, which was parked much further up, we drove the short distance to the restaurant by the river where we enjoyed a lunch of trout. After a break here we strolled down the road checking out the flora on the verges. A garden plot close to the road was being used to grow *Sideritis montana*, the attractive plant used to make the herbal tea we had been offered on several occasions. Our next stop was the path down to the "Devil's Throat" where the river plunged through a deep ravine. The path had some steep steps and a handrail and led down to a view point where we were able to see another Bulgarian endemic plant *Haberlea rhodopensis*, the only European representative of the "African Violet" family, growing on the mossy rock faces and seemingly permanently drenched in spray.

We left the Trigrad Gorge and drove back to our hotel, but there was time to stop at an impressive Roman bridge on the way back and photograph some of the meadow flora.

Day 8

Saturday 23rd June

Sadly, we had to pack up and leave early in the morning for the trip back to Sofia so we had an early breakfast and were ready to leave by 7am. The almost empty roads passed through lovely wooded hills, and we passed several large lakes on the way. There were glimpses of a few birds and mammals during the journey, including Roe and Red Deer, Red Squirrel and the occasional Buzzard and several White Storks. As the scenery changed from forested uplands to agricultural land we noticed the abundance of fields of sunflowers and the rich verges with stately mulleins lining them for mile after mile. A brief stop at a very impressive small service station broke the journey for us and we arrived at Sofia in plenty of time for our flight back to London. Some of the party were staying on in Bulgaria for a while so we said our farewells at the airport.

Species Lists

Plants ([] = Indicates a plant is an introduction or planted; * = indicates a plant is endemic)

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
PTERIDOPHYTES		
Lycophytes		
Selaginellaceae		
<i>Selaginella helvetica</i>	Swiss Clubmoss	Pirin
Isoetaceae		
<i>Isoetes lacustris</i>	Common Quillwort	mountain tarn, Pirin
Calamophytes		
Equisetaceae		
<i>Equisetum hyemale</i>	Dutch Rush	ditches, roadsides
<i>Equisetum ramosissimum</i>	Boston Horsetail	meadow nr Dospat
<i>Equisetum fluviatile</i>	Water Horsetail	scarce
<i>Equisetum palustre</i>	Marsh Horsetail	orchid meadow, Rila
<i>Equisetum arvense</i>	Field Horsetail	widespread
Eusporangiate Ferns		
Ophioglossaceae		
<i>Botrychium lunaria</i>	Moonwort	Pirin
Leptosporangiate Ferns		
Aspleniaceae		
<i>Asplenium ruta-muraria</i>	Wall Rue	Bansko, scarce
<i>Asplenium viride</i>	Green Spleenwort	Pirin
<i>Asplenium trichomanes</i> agg.	Maidenhair Spleenwort	fairly common, walls and rocks
Athyriaceae		
<i>Athyrium filix-femina</i>	Lady-fern	common
Cystopteridaceae		
<i>Cystopteris fragilis</i>	Brittle Bladder-fern	Pirin roadside
<i>Gymnocarpium dryopteris</i>	Oak Fern	Pirin
<i>Gymnocarpium robertianum</i>	Limestone Fern	Rhodope
Dennstaedtiaceae		
<i>Pteridium aquilinum</i>	Bracken	widespread
Dryopteridaceae		
<i>Dryopteris carthusiana</i>	Narrow Buckler-fern	wooded areas
<i>Dryopteris filix-mas</i>	Male-fern	wooded areas
<i>Polystichum aculeatum</i>	Hard Shield-fern	Rhodope
<i>Polystichum lonchitis</i>	Holly-fern	Pirin
<i>Polystichum setiferum</i>	Soft Shield-fern	possibly some specimens
Polypodiaceae		
<i>Polypodium vulgare</i>	Common Polypody	Rila
GYMNOSPERMS		
Cupressaceae		
<i>Juniperus communis</i> var. <i>saxatilis</i>	Juniper	Pirin
Pinaceae		
<i>Abies alba</i>	European Silver Fir	widespread
<i>Picea abies</i>	Norway Spruce	widespread
<i>Pinus heldreichii</i> (<i>P. leucodermis</i>)	Bosnian Pine	Pirin - very old specimens seen
FERNS & ALLIES		
Clubmosses & Quillworts		
Lesser Clubmoss Family		
<i>Selaginella helvetica</i>	Swiss Clubmoss	Pirin
Quillwort Family		
<i>Isoetes lacustris</i>	Common Quillwort	mountain tarn, Pirin
Horsetails		
Horsetail Family		
<i>Equisetum hyemale</i>	Dutch Rush	ditches, roadsides
<i>Equisetum ramosissimum</i>	Boston Horsetail	meadow nr Dospat
<i>Equisetum fluviatile</i>	Water Horsetail	scarce
<i>Equisetum palustre</i>	Marsh Horsetail	orchid meadow, Rila
<i>Equisetum arvense</i>	Field Horsetail	widespread
Adder's-tongues & Moonworts		
Adder's-tongue Family		
<i>Botrychium lunaria</i>	Moonwort	Pirin
True Ferns		
Spleenwort Family		
<i>Asplenium ruta-muraria</i>	Wall Rue	Bansko, scarce
<i>Asplenium viride</i>	Green Spleenwort	Pirin
<i>Asplenium trichomanes</i> agg.	Maidenhair Spleenwort	fairly common, walls and rocks
Lady-fern Family		
<i>Athyrium filix-femina</i>	Lady-fern	common
Bladder-fern Family		
<i>Cystopteris fragilis</i>	Brittle Bladder-fern	Pirin roadside
<i>Gymnocarpium dryopteris</i>	Oak Fern	Pirin
<i>Gymnocarpium robertianum</i>	Limestone Fern	Rhodope
Bracken Family		
<i>Pteridium aquilinum</i>	Bracken	widespread
Buckler-fern Family		
<i>Dryopteris carthusiana</i>	Narrow Buckler-fern	wooded areas
<i>Dryopteris filix-mas</i>	Male-fern	wooded areas
<i>Polystichum aculeatum</i>	Hard Shield-fern	Rhodope
<i>Polystichum lonchitis</i>	Holly-fern	Pirin
<i>Polystichum setiferum</i>	Soft Shield-fern	possibly some specimens
Polypody Family		
<i>Polypodium vulgare</i>	Common Polypody	Rila
CONIFERS		
Juniper Family		
<i>Juniperus communis</i> var. <i>saxatilis</i>	Juniper	Pirin
Pine Family		
<i>Abies alba</i>	European Silver Fir	widespread
<i>Picea abies</i>	Norway Spruce	widespread
<i>Pinus heldreichii</i> (<i>P. leucodermis</i>)	Bosnian Pine	Pirin - very old specimens seen

Scientific Name	Common Name	Location
<i>Pinus mugo</i>	Dwarf Mountain Pine	Pirin
<i>Pinus nigra</i> subsp. <i>pallasiana</i>	Black Pine	widespread
<i>Pinus peuce</i>	Macedonian Pine	widespread
<i>Pinus sylvestris</i>	Scots Pine	sub-montane zone
ANGIOSPERMS		
Pre-dicots		
Aristolochiaceae		
<i>Asarum europaeum</i>	Asarabacca	Pirin woodlands by road
Eu-dicots		
Adoxaceae		
<i>Sambucus ebulus</i>	Dwarf Elder / Danewort	roadsides, lowland areas
<i>Sambucus nigra</i>	Common Elder	common, farmland
<i>Viburnum lantana</i>	Wayfaring Tree	roadsides, nr Dospat
<i>Viburnum opulus</i>	Guelder Rose	?
Amaranthaceae		
<i>Chenopodium album</i>	Fat Hen	roadsides, building plots
<i>Chenopodium bonus-henricus</i>	Good King Henry	roadsides, building plots
Anacardiaceae		
<i>Cotinus coggygria</i>	Smoke Tree	sub-montane zone
Apiaceae		
<i>Aegopodium podagraria</i>	Ground Elder	towns and gardens
<i>Angelica sylvestris</i>	Wild Angelica	marshy areas, Pirin
<i>Anthriscus sylvestris</i>	Cow Parsley	farmland
<i>Bifora radians</i>	Wild Bishop	lowland farmland
<i>Bupleurum falcatum</i>	Sickle Hare's-ear	nr Dospat
<i>Bupleurum apiculatum</i>	a "Hare's-ear"	nr Dospat
<i>Carum appuanum</i> (<i>C. rigidulum</i>)	a Caraway	nr Rila
<i>Chaerophyllum bulbosum</i>	Tuberous-rooted Chervil	nr Rila
<i>Conium maculatum</i>	Hemlock	roadsides
<i>Daucus carota</i>	Wild Carrot	scattered sites
<i>Eryngium campestre</i>	Field Eryngo	nr Dospat
<i>Foeniculum vulgare</i>	Fennel	gardens near Rila
<i>Heracleum sphondylium</i> subsp. <i>sibiricum</i>	a Hogweed	riverside on Pirin road
<i>Laserpitium siler</i>	Laserwort	Pirin roadside
<i>Ligusticum mutellina</i>	Alpine Lovage	Vitosha
<i>Oenanthe fistulosa</i>	Tubular Water Dropwort	orchid meadow, Rila
<i>Orlaya grandiflora</i>	-	Golo Bardo mountain
<i>Pastinaca hirsuta</i>	Hairy Parsnip	Rhodope
<i>Pastinaca sativa</i>	Wild Parsnip	roadsides
<i>Pimpinella saxifraga</i>	Burnet Saxifrage	Golo Bardo mountain
<i>Sanicula europaea</i>	Sanicle	
<i>Seseli rhodopeum</i>	-	Rhodope
<i>Tordylium maximum</i>	Hartwort	nr Dospat
<i>Torilis arvensis</i>	Spreading Bur-parsley	waste ground nr shops
<i>Torilis japonica</i>	Upright Hedge Parsley	roadsides
<i>Trinia glauca</i>	Honewort	Golo Bardo mountain
Apocynaceae		
<i>Vincetoxicum hirundinaria</i>	Swallow-wort	Rhodope
Araliaceae		
<i>Hedera helix</i>	Ivy	widespread
Betulaceae		
<i>Alnus glutinosa</i>	Common Alder	widespread
<i>Alnus incana</i>	Grey Alder	Rhodope

Scientific Name	Common Name	Location
<i>Betula pendula</i>	Silver Birch	Pirin, Vitosha
<i>Corylus avellana</i>	Hazel	Vitosha, Rhodope
<i>Ostrya carpinifolia</i>	Hop Hornbeam	Vitosha
Boraginaceae	Borage Family	
<i>Anchusa officinalis</i>	Alkanet	nr Bansko
<i>Cerinth glabra</i>	Smooth Honeywort	Pirin roadside
<i>Cynoglossum hungaricum</i>	a Hound's-tongue	Pirin
<i>Cynoglossum officinale</i>	Hound's-tongue	Pirin
<i>Echium italicum</i>	Pale Bugloss	waste ground
<i>Echium vulgare</i>	Viper's Bugloss	Satovcha picnic site
<i>Lithospermum officinale</i>	Common Gromwell	waste ground
<i>Myosotis sicula</i>	Jersey Forget-me-not	Satovcha picnic site
<i>Myosotis laxa</i> subsp. <i>caespitosa</i>	Tufted forget-me-not	orchid meadow, Rila
<i>Myosotis sylvatica</i>	Wood forget-me-not	possibly some specimens
<i>Onosma visianii</i> (<i>heterophylla</i>)	a Golden Drops	Golo Bardo mountain
<i>Onosma taurica</i> ?	Golden Drops	Golo Bardo mountain
<i>Pulmonaria rubra</i>	Red Lungwort	Pirin mountain roadsides
<i>Symphytum ottomanum</i>	a Comfrey	Rila area
<i>Symphytum officinale</i>	Comfrey	scattered sites
Brassicaceae	Cabbage Family	
[<i>Armoracia rusticana</i>]	Horse Radish	leaves only
<i>Alyssum alyssoides</i>	Small Alison	Golo Bardo mountain
<i>Alyssum murale</i>	-	Rila area
<i>Arabis alpina</i>	Alpine Rock-cress	Pirin
<i>Arabis sagittata</i>	a rock cress	possibly some specimens
<i>Arabis turrata</i>	Tower Cress	roadsides and waste ground
<i>Aubrieta gracilis</i>	-	Rila area
<i>Barbarea bracteosa</i>	-	cultivated areas
<i>Barbarea balcanna</i>	Balkan Yellow Rocket	near Rila
<i>Berteroa incana</i>	Hoary Alison	roadsides
<i>Capsella bursa-pastoris</i>	Shepherd's-purse	cultivated areas and waste ground
<i>Cardamine glauca</i>	-	Vitosha
<i>Cardamine pratensis</i>	Lady's Smock	orchid meadow nr Dospat
<i>Draba lasiocarpa</i> (<i>D. athoa</i>)	a yellow Whitlow Grass	Pirin
<i>Erysimum cuspidatum</i>	a Wallflower	Pirin
<i>Lepidium campestre</i>	Field Pepperwort	waste places
<i>Rorippa pyrenaica</i>	a yellow Mustard/Cress	near Rila
<i>Sisymbrium officinale</i>	Hedge Mustard	roadsides and verges
<i>Thlaspi arvense</i>	Field Pennycress	roadsides and verges
<i>Thlaspi perfoliatum</i>	Perfoliate Pennycress	??
<i>Thlaspi praecox</i>	Early Pennycress	Satovcha picnic site
Campanulaceae	Bellflower Family	
<i>Asyneuma limonifolium</i>	-	Golo Bardo mountain
<i>Campanula alpina</i> subsp. <i>orbelica</i>	a perennial Alpine Bellflower	Pirin
<i>Campanula glomerata</i>	Clustered Bellflower	in bud only
<i>Campanula lingulata</i>	a Bellflower	Rhodope
<i>Campanula macrostachya</i>	-	Rhodope
<i>Campanula jordanovii</i>	a endemic Bellflower	Golo Bardo mountain
<i>Campanula patula</i>	Spreading Bellflower	widespread
<i>Campanula patula</i> subsp. <i>abietina</i>	-	shaded areas
<i>Campanula persicifolia</i>	Peach-leaved Bellflower	Vitosha
<i>Campanula rapunculoides</i>	Creeping Bellflower	Golo Bardo mountain
<i>Campanula rapunculus</i>	Rampion Bellflower	shaded areas

Scientific Name	Common Name	Location
<i>Campanula rumeliana</i> (<i>Trachelium jacquinii</i> subsp. <i>rum.</i>)		leaves and buds only
<i>Campanula trachelium</i>	Nettle-leaved Bellflower	shaded areas
<i>Campanula trichocalycina</i>	a tall Bellflower	Rhodope
<i>Edrianthus serbica</i>	a bellflower relative	rare and protected species
<i>Jasione bulgarica</i> *	an endemic Sheep's-bit	Golo Bardo mountain
Cannabaceae	Hop family	
<i>Humulus lupulus</i>	Hop	common in cultivated areas
Caprifoliaceae	Honeysuckle family	
<i>Dipsacus laciniatus</i>	Cut-leaved Teasel	widespread
<i>Knautia arvensis</i>	Field Scabious	scattered sites
<i>Knautia drymeia</i>	-	nr Satovcha picnic site
<i>Knautia midzorensis</i>	-	scattered sites
<i>Lonicera xylosteum</i>	Fly Honeysuckle	Pirin mountain roadsides
<i>Morina persica</i>	Prickly Whorlflower	Rhodope
<i>Scabiosa rhodopensis</i>	-	?
<i>Scabiosa triniifolia</i>	-	Vitosha
<i>Valeriana montana</i>	-	roadside sites
<i>Valeriana officinalis</i>	Common Valerian	nr Satovcha picnic site
<i>Valeriana tripteris</i>	Three-leaved Valerian	nr Studena Lodge
<i>Valerianella (locusta)</i>	Cornsalad -	waste ground in Bansko
Caryophyllaceae	Pink Family	
<i>Agrostemma githago</i>	Corn Cockle	Studena area
<i>Arenaria biflora</i>	Two-flowered Sandwort	shaded areas
<i>Arenaria filicaulis</i> subsp. <i>graeca</i> (<i>A. rhodopaea</i>)	-	Pirin
<i>Arenaria serpyllifolia</i>	Thyme-leaved Sandwort	Pirin
<i>Cerastium alpinum</i>	Alpine Mouse-ear	Pirin
<i>Cerastium dubium</i>	Three-styled Chickweed	Pirin
<i>Cerastium cerastioides</i>	Starwort/Mountain Chickweed	Pirin
<i>Cerastium fontanum</i> agg.	Common Mouse-ear	waste places
<i>Dianthus armeria</i>	Deptford Pink	Studena area
<i>Dianthus cruentus</i>	a deep red Pink	Golo Bardo mountain
<i>Dianthus deltooides</i>	Maiden Pink	Golo Bardo mountain
<i>Dianthus superbus</i>	Fringed Pink	Golo Bardo mountain
<i>Dianthus microlepis</i> *	a cushion-forming Pink	Pirin
<i>Dianthus petraeus</i>	-	Rhodope
<i>Dianthus petraeus</i> ssp. <i>noeanus</i>	-	Rhodope
<i>Herniaria glabra</i>	Smooth Rupturewort	Pirin
<i>Herniaria hirsuta</i> (+ <i>nigrimontium</i>)	Hairy Rupturewort	Pirin
<i>Minuartia biflora</i>	Mountain Stitchwort	Pirin
<i>Minuartia verna</i>	Spring Sandwort	Golo Bardo mountain
<i>Moehringia pendula</i>	a Sandwort	Vitosha
<i>Paronychia (capitata)</i>	Papery Whitlow-wort	Golo Bardo
<i>Petrorhagia prolifera</i>	Proliferous Pink	meadows near Studena
<i>Petrorhagia saxifraga</i>	Tunic Flower	meadows near Studena
<i>Petrorhagia illyrica</i>	"Pink Starlets" Tunic flower	Pirin
<i>Sagina procumbens</i>	Procumbent Pearlwort	Vitosha
<i>Saponaria officinalis</i>	Soapwort	Rhodope
<i>Saponaria glutinosa</i>	a deep red Soapwort	Pirin ski slopes
<i>Scleranthus perennis</i> agg.	Perennial Knawel	Pirin ski slopes
<i>Silene atropurpurea</i>	German Catchfly	Rhodope
<i>Silene conica</i>	Sand Catchfly	waste ground, Bansko
<i>Silene coronaria</i> (<i>Lychnis</i> c.)	Rose Campion	waste ground, Bansko
<i>Silene fabarioides</i> *	-	Pirin area

Scientific Name	Common Name	Location
<i>Silene flavescens</i>	-	Pirin area
<i>Silene flos-cuculi</i> (<i>Lychnis f-c.</i>)	Ragged Robin	Orchid meadow nr Rila
<i>Silene flos-cuculi</i> subsp. <i>subintegra</i> (<i>Lychnis s.</i>)	Ragged Robin look-alike!	wet meadows - Dospat
<i>Silene italica</i> (white and pink forms)	Italian Catchfly	roadside sites
<i>Silene lichenfeldiana</i>	-	Golo Bardo mountain
<i>Silene nutans</i>	Nottingham Catchfly	Rhodope
<i>Silene roemerii</i>	-	Rhodope
<i>Silene viscaria</i> (<i>Lychnis v.</i>)	Sticky Catchfly	roadsides
<i>Silene vulgaris</i>	Bladder Campion	Rhodope
<i>Silene waldsteinii</i>	-	possibly this species - Rhodope
<i>Stellaria graminea</i>	Lesser Stitchwort	scattered sites
<i>Stellaria media</i>	Common Chickweed	widespread
Celastraceae	Spindle Family	
<i>Euonymus latifolius</i>	Large-leaved Spindle	Rhodope
<i>Euonymus europaeus</i>	Spindle	scattered sites
Cistaceae	Rock-rose Family	
<i>Fumana procumbens</i> *	-	Golo Bardo mountain
<i>Helianthemum oelandicum</i> subsp. <i>incanum</i>	Hoary Rockrose	Golo Bardo mountain
<i>Helianthemum nummularium</i>	Common Rockrose	scattered sites
Compositae (Asteraceae)	Daisy Family	
<i>Achillea ageratifolia</i>	-	Golo Bardo mountain
<i>Achillea clypeolata</i>	-	Golo Bardo mountain
<i>Achillea crithmifolia</i> (plus a hybrid sp)	-	scattered upland sites
<i>Achillea millefolium</i>	Yarrow	roadsides, grassy areas
<i>Achillea multifida</i>	-	possibly this species - Rhodope
<i>Achillea setacea</i>	a Yarrow	scattered sites
<i>Antennaria dioica</i>	Cat's-foot	Pirin and other sites
<i>Anthemis tinctoria</i>	Yellow Chamomile	roadsides nr Rila
<i>Arctium lappa</i>	Greater Burdock	Rhodope
<i>Artemisia alba</i>	Camphor Wormwood	Pirin
<i>Artemisia alpina</i>	Alpine Wormwood	possibly this species - Pirin
<i>Artemisia vulgaris</i>	Mugwort	waste ground
<i>Aster alpinus</i>	Alpine Aster	Pirin
<i>Bellis perennis</i>	Daisy	grassy areas
<i>Carduus nutans</i> subsp. <i>leiophyllus</i> (<i>C. thoermeri</i>)	-	damp roadside sites
<i>Carlina acanthifolia</i>	Acanthus-leaved Carlina Thistle	Pirin
<i>Centaurea immanuelis-lowei</i> *	-	<u>Golo Bardo area</u>
<i>Centaurea mannagettae</i>	-	Golo Bardo area
<i>Centaurea nervosa</i> and <i>C. orbelica</i>)	-	2 similar species - Golo Bardo
<i>Centaurea orientalis</i>	a cornflower-like species	picnic site nr Dospat
<i>Centaurea phrygia</i>	Wig Knapweed	Bansko
<i>Centaurea triumfettii</i>	a cornflower-like species	grassy areas nr Dospat
<i>Cichorium intybus</i>	Chicory	common in cultivated areas
<i>Cirsium appendiculatum</i>	-	grassy areas
<i>Cirsium arvense</i>	Creeping Thistle	grassy areas
<i>Cirsium candelabrum</i>	Candelabra Thistle	leaves only
<i>Cirsium heterotrichum</i>		Bansko area
<i>Crepis biennis</i>	Rough Hawksbeard	grassy areas
<i>Crepis foetida</i>	-	grassy areas
<i>Cyanus orbelicus</i> (<i>Centaurea orbelica</i>)	-	Pirin
<i>Cyanus segetum</i> (<i>Centaurea cyanus</i>)	Cornflower	possibly - seen from bus
<i>Doronicum columnae</i>	Heart-leaved Leopardsbane	roadsides, woodlands

Scientific Name	Common Name	Location
<i>Erigeron acris</i> (<i>E. acer</i>)	Blue Fleabane	rocky sites
<i>Eupatorium cannabinum</i>	Hemp Agrimony	roadsides
<i>Filago germanica</i> (<i>F. vulgaris</i>)	Common Cudweed	car park area, Bansko
<i>Hieracium balcanicum</i> *	-	Rhodope
<i>Hieracium cymosum</i>	-	Rhodope
<i>Hieracium murorum</i> Group.	Few-leaved Hawkweed	?
<i>Hieracium neodivergens</i>	an endemic Hawkweed	Rhodope area
<i>Hieracium kittaniae</i>	an endemic Hawkweed	Rhodope area
<i>Homogyne alpina</i>	Alpine Colt's-foot	Pirin
<i>Inula aschersoniana</i>	-	Pirin area
<i>Inula ensifolia</i>	Elecampane-like species	Pirin area
<i>Inula oculus-christi</i>	-	Pirin
<i>Jurinea consanguinea</i> _	Jurinea	a soft thistle-like species
<i>Lapsana communis</i>	Nipplewort	roadsides and waste places
<i>Leontodon crispus</i>	-	roadsides
<i>Leucanthemum vulgare</i>	Ox-eye Daisy	common in grassy areas
[<i>Matricaria discoidea</i>]	Pineapple Mayweed	widespread
<i>Mycelis muralis</i>	Wall Lettuce	rocky roadside sites
<i>Omalothea supina</i>	Dwarf Cudweed	Pirin
<i>Onopordum acanthium</i>	Cotton Thistle	Rhodope
<i>Petasites kablikianus</i> (+ <i>P. hybridus</i>)	a Butterbur	Rhodope
<i>Pilosella aurantiaca</i> (and <i>P. guthnickiana</i>)	Orange Hawkweed	Rhodope
<i>Pilosella piloselloides</i> subsp. <i>bauhinii</i>	-	Golo Bardo
<i>Pulicaria dysenterica</i>	Common Fleabane	widespread
<i>Scorzonera hispanica</i>	Black Salsify	roadside sites
<i>Scorzonera purpurea</i> ssp. <i>rosea</i>	Purple Viper's-grass	roadside sites
<i>Senecio nemorensis</i>	Wood Ragwort	Pirin
<i>Senecio squalidus</i>	Oxford Ragwort	roadsides
<i>Solidago virgaurea</i>	Golden Rod	Bansko
<i>Sonchus arvensis</i>	Perennial Sow-thistle	
<i>Sonchus oleraceus</i> (+ <i>S. asper</i>)	Smooth Sow-thistle	waste ground
<i>Tanacetum corymbosum</i>	-	Bansko
<i>Tanacetum vulgare</i>	Tansy	widespread
<i>Taraxacum</i> agg.	Dandelion	grassy areas
<i>Telekia speciosa</i>	resembles Elecampane	riverside on Pirin road
<i>Tragopogon orientalis</i>	-	grassy areas
<i>Tragopogon pterodes</i> + <i>balcanicus</i> and <i>dubium</i>	3 similar species	grassy roadside areas
<i>Tripleurospermum tenuifolium</i>	-	Bansko
<i>Tussilago farfara</i>	Colts-foot	Studena area
<i>Xeranthemum annuum</i>	-	Bansko
<i>Xeranthemum cylindraceum</i>	-	Bansko area
Convolvulaceae	Bindweed Family	
<i>Convolvulus arvensis</i>	Field Bindweed	widespread
<i>Convolvulus cantabrica</i>	-	nr Dospat
<i>Convolvulus campestris</i>		scattered sites
[<i>Cuscuta campestris</i>]	Yellow Dodder	Rhodope
Cornaceae	Dogwood Family	
<i>Cornus sanguinea</i>	Common Dogwood	widespread
Crassulaceae	Stonecrop Family	
<i>Sedum acre</i>	Biting Stonecrop	Bansko
<i>Sedum album</i>	White Stonecrop	Rhodope
<i>Sedum alpestre</i>	Alpine Stonecrop	Pirin
<i>Sedum atratum</i>	Dark Stonecrop	Pirin

Scientific Name	Common Name	Location
<i>Sedum cepaea</i>		Pirin
<i>Sedum dasyphyllum</i>	Thick-leaved Stonecrop	Pirin
<i>Sedum hispanicum</i>	-	Rhodope Gorge
<i>Sedum ochroleucum</i>	Creamish Stonecrop	Rhodope area
<i>Sedum telephium</i>	Orpine	Pirin
<i>Sempervivum marmoreum</i>		leaves only
Cucurbitaceae	White Bryony Family	
<i>Bryonia alba</i>	White Bryony	near Dospat
Eleagnaceae	Sea-buckthorn Family	
[<i>Elaeagnus angustifolia</i>]	Oleaster or Russian Olive	Bansko
Ericaceae	Heather Family	
<i>Moneses uniflora</i>	One Flowered Wintergreen	nr Pirin
<i>Monotropa hypopitys</i>	Yellow Bird's-nest	Dospat
<i>Orthilia secunda</i>	Nodding Wintergreen	Pirin
<i>Pyrola chlorantha</i>	Pale-green Wintergreen	Pirin woodlands by road
<i>Vaccinium myrtillus</i>	Bilberry	Pirin upland slopes
<i>Vaccinium vitis-idaea</i>	Cowberry	Pirin upland slopes
Euphorbiaceae	Spurge Family	
<i>Euphorbia amygdaloides</i>	Wood Spurge	widespread
<i>Euphorbia cyparissias</i>	Cypress Spurge	roadsides
<i>Euphorbia esula</i>	Leafy Spurge	Studena area
<i>Euphorbia helioscopia</i>	Sun Spurge	Bansko
<i>Euphorbia taurinensis</i> (+ <i>E. falcata</i>)	-	nr Dospat
<i>Mercurialis perennis</i>	Dog's Mercury	scattered sites
Fagaceae	Beech Family	
<i>Fagus sylvatica</i>	Beech	widespread
<i>Quercus pubescens</i>	Downy Oak	widespread
<i>Quercus rubra</i>	Red Oak	Bansko
Gentianaceae	Gentian Family	
<i>Centaurium erythraea</i>	Common Centaury	widespread in open areas
<i>Gentiana asclepiadea</i>	Willow-leaved Gentian	leaves only
<i>Gentiana cruciata</i>	Cross Gentian	Pirin
<i>Gentiana pyrenaica</i>	Pyrenean Gentian	Pirin
<i>Gentiana verna</i>	Spring Gentian	Pirin
Geraniaceae	Cranesbill Family	
<i>Erodium cicutarium</i>	Common Stork's-bill	widespread
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	roadsides and grassy areas
<i>Geranium macrorrhizum</i>	Rock Crane's-bill	Pirin woodlands by road
<i>Geranium molle</i>	Dove's-foot Crane's-bill	widespread
<i>Geranium palustre</i> (+ <i>G. reflexum</i>)	Marsh Crane's-bill	nr Rila
<i>Geranium pyrenaicum</i>	Hedgerow Crane's-bill	Pirin roadside
<i>Geranium robertianum</i>	Herb Robert	shady roadside areas
<i>Geranium sanguineum</i>	Bloody Crane's-bill	Golo Bardo
<i>Geranium sylvaticum</i>	Wood Crane's-bill	Pirin
Gesneriaceae	Pyrenean-violet Family	
<i>Haberlea rhodopensis</i>	-	Rhodope Gorge
Grossulariaceae	Gooseberry Family	
<i>Ribes petraeum</i>	Rock Redcurrant	Pirin
<i>Ribes uva-crispa</i>	Gooseberry	scattered woodland sites
Hypericaceae	St. John's-wort Family	
<i>Hypericum perforatum</i>	Perforate St. John's-wort	Rhodope
<i>Hypericum rumeliacum</i>	-	Rhodope
<i>Hypericum montbretii</i>	-	Rhodope

Scientific Name	Common Name	Location
Hydrangeaceae	Mock-orange Family	
[<i>Philadelphus coronarius</i>]	Mock-orange	Studena grounds
Lamiaceae	Dead-nettle Family	
<i>Acinos alpinus</i>	Alpine Calamint	Pirin
<i>Ajuga chamaepitys</i>	Ground Pine	picnic site nr Dospat
<i>Ajuga genevensis</i>	Blue Bugle	Pirin
<i>Ajuga laxmannii</i>	-	nr Dospat
<i>Ajuga reptans</i>	Bugle	scattered sites
<i>Ballota nigra</i>	Black Horehound	roadsides
<i>Calamintha sylvatica</i>	Wood Calamint	nr Dospat
<i>Clinopodium acinos</i> (<i>Acinos arvensis</i>)	Basil Thyme	Golo Bardo and other sites
<i>Clinopodium vulgare</i>	Wild Basil	widespread
<i>Lamium garganicum</i>	Large Red Deadnettle	roadsides
<i>Lamium maculatum</i>	Spotted Deadnettle	Dospat
<i>Leonurus cardiaca</i>	Motherwort	nr Dospat
<i>Lycopus europea</i>	Gypsywort	wet meadow nr Rila
<i>Melittis officinalis</i>	Lemon Balm	Bansko
<i>Mentha aquatica</i>	Water Mint	nr Rila
<i>Mentha longifolia</i>	Horse Mint	nr Rila
<i>Micromeria cristata</i>	-	rocky site nr Golo Bardo
<i>Nepeta nuda</i>	Hairless Catmint	rocky site nr Dospat
<i>Origanum vulgare</i>	Marjoram	widespread
<i>Prunella laciniata</i>	Cut-leaved Self-heal	Rhodope
<i>Prunella vulgaris</i>	Self-heal	widespread
<i>Salvia amplexicaulis</i>	-	Bansko
<i>Salvia pratensis</i>	Meadow Clary	Golo Bardo
<i>Salvia verticillata</i>	Whorled Clary	picnic site nr Dospat
<i>Scutellaria altissima</i>	-	Pirin
<i>Sideritis montana</i>	-	Pirin
<i>Sideritis scardica</i> *	-	Pirin
<i>Stachys alpina</i>	Limestone Woundwort	nr Studena Lodge
<i>Stachys germanica</i>	Downy Woundwort	nr Studena Lodge
<i>Stachys officinalis</i>	Betony	nr Studena Lodge
<i>Stachys palustris</i>	Marsh Woundwort	nr Rila
<i>Stachys recta</i>	Yellow Woundwort	Studena
<i>Stachys sylvatica</i>	Hedge Woundwort	scattered sites
<i>Teucrium chamaedrys</i>	Wall Germander	Studena Lodge
<i>Teucrium montanum</i>	Mountain Germander	Pirin
<i>Teucrium polium</i> agg.	Felty Germander	Golo Bardo
<i>Thymus striatus</i>	Thyme	Golo Bardo
Leguminosae (Fabaceae)	Pea Family	
<i>Anthyllis vulneraria</i>	Common Kidney Vetch	many sites
<i>Anthyllis vulneraria</i> subsp. <i>aurea</i>	a "golden" Kidney vetch	Golo Bardo
<i>Astragalus glycyphyllos</i>	Wild Liquorice	Bansko
<i>Astragalus monspessulanus</i>	False Vetch	with fruits
<i>Astragalus onobrychis</i>	-	Golo Bardo
<i>Chamaecytisus absinthioides</i>	-	Golo Bardo
<i>Colutea arborescens</i>	Bladder Senna	roadsides
<i>Coronilla scorpioides</i>	Annual Scorpion Vetch	nr Dospat
<i>Dorycnium herbaceum</i>	-	Studena
<i>Genista carinalis</i>	a very small species	Golo Bardo
<i>Genista depressa</i>	-	Pirin
<i>Hippocrepis comosa</i>	Horseshoe Vetch	widespread

Scientific Name	Common Name	Location
<i>Hippocrepis emerus</i> (<i>Coronilla e.</i>)	False Senna	roadsides
<i>Lathyrus nissolia</i>	Grass Vetchling	Bansko
<i>Lathyrus pratensis</i>	Meadow Vetchling	grassy areas
<i>Lathyrus tuberosus</i>	Tuberous Pea	Bansko
<i>Lotus corniculatus</i>	Birdsfoot Trefoil	grassy areas
<i>Medicago falcata</i>	Sickle Medick	Bansko
<i>Medicago lupulina</i>	Black Medick	Bansko
<i>Medicago sativa</i>	Lucerne	cultivated areas
<i>Melilotus officinalis</i>	Ribbed Melilot	Bansko
<i>Onobrychis arenaria</i>	Small Sainfoin	Golo Bardo
<i>Ononis spinosa</i>	Spiny Restharrow	picnic site nr Dospat
[<i>Robinia pseudacacia</i>]	False Acacia	roadside planting
<i>Securigera varia</i> (<i>Coronilla v.</i>)	Crown Vetch	Studena
<i>Trifolium alpestre</i>	Mountain Zig-zag Clover	Pirin
<i>Trifolium arvense</i>	Haresfoot Clover	roadsides
<i>Trifolium aureum</i>	Large Hop Trefoil	Bansko
<i>Trifolium medium</i>	Zigzag Clover	Bansko
<i>Trifolium incarnatum</i>	Long-headed Clover	Bansko
<i>Trifolium montanum</i>	Mountain Clover	Pirin
<i>Trifolium ochroleucum</i>	Sulphur Clover	picnic site nr Dospat
<i>Trifolium pratense</i>	Red Clover	widespread
<i>Trifolium repens</i>	White Clover	widespread
<i>Vicia cracca</i>	Tufted Vetch	scattered sites
<i>Vicia grandiflora</i>	a large yellow vetch	grassy sites
<i>Vicia hirsuta</i>	Hairy Tare	grassy areas
<i>Vicia sativa</i>	Common Vetch	grassy areas
<i>Vicia sepium</i>	Bush Vetch	scattered sites
Lentibulariaceae	Bladderwort Family	
<i>Pinguicula balcanica</i> *	Balkan Butterwort	Pirin mountain wet flushes
Linaceae	Flax Family	
<i>Linum austriacum</i>	-	Pirin
<i>Linum alpinum</i> subsp. <i>pirinicum</i>	a endemic flax	Pirin
<i>Linum capitatum</i>	Yellow Flax	roadsides
<i>Linum catharticum</i>	Purging Flax	Golo Bardo
<i>Linum tenuifolium</i>	-	Golo Bardo
Lythraceae	Purple-loosestrife Family	
<i>Lythrum salicaria</i>	Purple-loosestrife	nr Rila
Malvaceae	Mallow Family	
<i>Althaea (pallida)</i>		Rhodope
<i>Malva neglecta</i>	Dwarf Mallow	Studena
<i>Malva sylvestris</i>	Common Mallow	widespread
<i>Tilia cordata</i>	Small-leaved Lime	Rhodope
<i>Tilia platyphyllos</i>	Lime	Bansko - planted
<i>Tilia tomentosa</i>	Silver Lime	widely planted
Oleaceae	Ash Family	
<i>Fraxinus excelsior</i>	Ash	widespread
<i>Fraxinus ornus</i>	Flowering/Manna Ash	widespread
<i>Ligustrum vulgare</i>	Wild Privet	nr Dospat
<i>Syringa vulgaris</i>	Common Lilac	
Onagraceae	Willowherb Family	
<i>Epilobium angustifolium</i>	Rosebay Willowherb	widely planted
<i>Epilobium dodonaei</i>	with fine leaves	Vitoshka
<i>Epilobium hirsutum</i>	Greater Willowherb	Rhodope

Scientific Name	Common Name	Location
Orobanchaceae	Broomrape Family	
<i>Bartsia alpina</i>	Alpine Bartsia	Pirin
<i>Euphrasia pectinata?</i>	Eyebright	?
<i>Melampyrum arvense</i>	Field Cow-wheat	Vitosha
<i>Melampyrum sylvaticum</i>	Wood Cow-wheat	Vitosha
<i>Orobanche alba</i>	Thyme Broomrape	Golo Bardo
<i>Pedicularis orthantha</i>	-	Golo Bardo
<i>Rhinanthus javorkae</i>	A Hay Rattle	meadows nr Dospat
<i>Rhinanthus minor</i> agg. (in seed)	Yellow Rattle	meadows nr Dospat
<i>Rhinanthus rumelicus</i>	-	meadows nr Dospat
Oxalidaceae	Wood-sorrel Family	
<i>Oxalis acetosella</i>	Wood Sorrel	woods nr Studena
<i>Oxalis corniculata</i>	Yellow Oxalis	Bansko
Papaveraceae	Poppy Family	
<i>Chelidonium majus</i>	Greater Celandine	Rhodope
<i>Fumaria officinalis</i>	Common Fumitory	cultivated areas
<i>Papaver dubium</i>	Long-headed Poppy	cultivated areas
<i>Papaver rhoeas</i>	Common Poppy	?
Plantaginaceae	Plantain Family	
<i>Digitalis grandiflora</i> (<i>D.ambigua</i>)	Large Yellow Foxglove	Vitosha
<i>Digitalis lanata</i>	-	Golo Bardo
<i>Digitalis viridiflora</i>	Green-flowered Foxglove	roadside sites
<i>Globularia punctata</i>	Common Globularia	leaf rosettes only
<i>Gratiola officinalis</i>	Common Hedge-hyssop	nr Rila
<i>Linaria dalmatica</i>	-	?
<i>Linaria genistifolia</i>	-	Golo Bardo
<i>Linaria vulgaris</i>	Common Toadflax	common on roadsides
<i>Plantago gentianoides</i>	-	Bansko
<i>Plantago lanceolata</i>	Ribwort Plantain	waste places
<i>Plantago major</i>	Greater Plantain	widespread
<i>Plantago media</i>	Hoary Plantain	Pirin area
<i>Plantago subulata</i>	-	nr Dospat
<i>Veronica arvensis</i>	Wall Speedwell	Bansko
<i>Veronica beccabunga</i>	Brooklime	nr Rila
<i>Veronica bellidoides</i>	Violet Speedwell	Rhodope
<i>Veronica kellereri</i>	-	Rhodope
<i>Veronica officinalis</i>	Heath Speedwell	scattered sites
[<i>Veronica persica</i>]	Common Field Speedwell	grassy areas
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	Bansko
<i>Veronica spicata</i>	Spiked Speedwell	poss this species nr Dospat
<i>Veronica urticifolia</i>	Nettle-leaved Speedwell	Rhodope
Platanaceae	Plane Family	
<i>Platanus (orientalis)</i>	Plane Tree	Rila
Plumbaginaceae	Thrift Family	
<i>Armeria cariensis</i> var. <i>rumelica</i>	-	picnic site nr Dospat
Polygalaceae	Milkwort Family	
<i>Polygala amara</i>	Bitter Milkwort	upland grassy areas
<i>Polygala amarella</i>	Dwarf/Kentish Milkwort	nr Dospat
<i>Polygala major</i>	-	grassy areas
Polygonaceae	Knotweed Family	
<i>Fallopia balcanica</i>	an endemic Bindweed	Pirin
<i>Persicaria bistorta</i>	Bistort	streams on Pirin mountain
<i>Persicaria maculata</i>	Redshank	wet areas nr Rila

Scientific Name	Common Name	Location
<i>Polygonum aviculare</i>	Knotgrass	Bansko
<i>Rumex acetosa</i>	Common Sorrel	grassy areas
<i>Rumex acetosella</i>	Sheep's Sorrel	Golo Bardo
<i>Rumex alpinus</i>	Monks Rhubarb	Pirin
<i>Rumex conglomeratus</i>	Clustered Dock	roadsides
<i>Rumex cristatus</i>	Curled Dock	roadsides
Primulaceae	Primrose Family	
<i>Anagallis arvensis</i> (inc blue form)	Scarlet Pimpernel	Bansko
<i>Androsace villosa</i>	Woolly Androsace	Pirin
<i>Lysimachia punctata</i>	Spotted Loosestrife	wet areas nr Rila
<i>Lysimachia vulgaris</i>	Yellow Loosestrife	wet areas nr Rila
<i>Primula elatior</i>	Oxlip	leaves only
<i>Primula farinosa</i>	Bird's-eye Primrose	Pirin
<i>Primula veris</i>	Cowslip	leaves only
<i>Soldanella pusilla</i>	Dwarf Snowbell	Pirin
Ranunculaceae	Buttercup family	
<i>Aconitum lamarckii</i>	Yellow Monkshood	leaves only
<i>Actaea spicata</i>	Baneberry	woods below Pirin
<i>Adonis aestivalis</i> (prob <i>vernalis</i>)	Summer Pheasants-eye	leaves only
<i>Anemone nemorosa</i>	Wood Anemone	mostly gone over Pirin
<i>Aquilegia aurea</i>		
<i>Aquilegia vulgaris</i>	Common Columbine	many sites
<i>Caltha palustris</i>	Marsh Marigold	wet flushes on Pirin mountain
<i>Clematis recta</i>	Erect Clematis	Bansko
<i>Clematis vitalba</i>	Travellers Joy	widespread
<i>Consolida regalis</i>	Forking Larkspur	waste places
<i>Hepatica nobilis</i>	Hepatica	leaves only
<i>Ranunculus arvensis</i>	Corn Buttercup	Bansko
<i>Ranunculus auricomus</i>	Goldilocks Buttercup	poss this species nr Pirin
<i>Ranunculus flammula</i>	Lesser Spearwort	nr Rila
<i>Ranunculus pseudomontanus</i> (<i>montanus</i>)	an upland Buttercup	Pirin
<i>Thalictrum aquilegifolium</i>	Great Meadow Rue	meadow nr Rila
<i>Thalictrum minus</i>	Lesser Meadow Rue	Pirin area
<i>Trollius europaeus</i>	Globeflower	meadows nr Rhodope
Resedaceae	Mignonette family	
<i>Reseda lutea</i>	Wild Mignonette	widespread
<i>Reseda luteola</i>	Weld	dry areas, waste ground
Rosaceae	Rose Family	
<i>Agrimonia eupatoria</i>	Agrimony	Rhodope
<i>Alchemilla xanthochlora</i>	a Lady's Mantle	possibly this species
<i>Amelanchier ovalis</i>	Snowy Mespilus	roadsides, rocky areas
<i>Cotoneaster nebrodensis</i> (<i>or integerrimus</i>)	Cotoneaster	Golo Bardo area
<i>Crataegus monogyna</i>	Hawthorn	widespread
<i>Crataegus orientalis</i>	Oriental Hawthorn	Dospat areas
<i>Filipendula ulmaria</i>	Meadowsweet	wet meadows, common
<i>Filipendula vulgaris</i>	Dropwort	dry areas nr Golo Bardo, Dospat
<i>Fragaria vesca</i>	Wild Strawberry	roadsides
<i>Fragaria viridis</i>	-	Pirin
<i>Geum coccineum</i>	-	Vitosha, Pirin
<i>Geum rivale</i>	Water Avens	Rila
<i>Geum urbanum</i>	Herb Bennet	roadsides
<i>Potentilla argentea</i>	Hoary Cinquefoil	Golo Bardo
<i>Potentilla cinerea</i>	Grey Cinquefoil	Rhodope

Scientific Name	Common Name	Location
<i>Potentilla inclinata</i>	-	Pirin
<i>Potentilla neglecta</i>	-	Rhodope
<i>Potentilla ternata</i>	orange base to petals	Pirin
<i>Potentilla reptans</i>	Creeping Cinquefoil	widespread
<i>Prunus avium</i>	Wild Cherry or Gean	common
<i>Prunus cerasifera</i>	Cherry Plum	roadsides, villages
<i>Prunus spinosa</i>	Blackthorn	common on roadsides
<i>Rosa agrestis</i>	Field Briar	?
<i>Rosa canina</i>	Dog Rose	widespread
<i>Rosa pendulina</i>	Alpine Rose	Pirin and Rhodope
<i>Rosa spinosissima (R. pimpinellifolia)</i>	Burnet Rose	Golo Bardo
<i>Rubus caesius</i>	Dewberry	widespread
<i>Rubus candicans and Rubus sancta</i>	Brambles	scattered sites
<i>Rubus idaeus</i>	Raspberry	Vitosha
<i>Sanguisorba minor</i>	Salad Burnet	leaves only
<i>Sorbus aucuparia</i>	Rowan	roadsides
<i>Sorbus graeca</i>	-	woods near Pirin mountain
<i>Sorbus torminalis</i>	Wild Service Tree	Dospat area
<i>Spiraea salicifolia</i>	Bridewort	Studena
Rubiaceae	Bedstraw Family	
<i>Asperula aristata (+ purpurea)</i>		Rhodope
<i>Asperula cynanchica</i>	Squinancywort	Golo Bardo
<i>Cruciata glabra</i>	-	roadside sites
<i>Cruciata laevipes</i>	Crosswort	grassy areas, common
<i>Galium anisophyllum</i>	-	Bansko
<i>Galium aparine</i>	Common Cleavers	Bansko
<i>Galium mollugo</i>	Hedge Bedstraw	common
<i>Galium odoratum</i>	Woodruff	woods nr Dospat
<i>Galium rotundifolium</i>	-	Golo Bardo
<i>Galium verum</i>	Lady's Bedstraw	picnic site nr Dospat
<i>Sherardia arvensis</i>	Field Madder	grassy areas - nr Dospat
Salicaceae	Willow Family	
<i>Populus tremula</i>	Aspen	common
<i>Salix alba</i>	White Willow	nr Rila
<i>Salix caprea</i>	Goat Willow	nr Dospat
<i>Salix x fragilis</i>	Crack Willow	common
Santalaceae	Bastard Toadflax Family	
<i>Thesium alpina</i>	an upland Bastard Toadflax	Pirin
<i>Thesium bavarum</i>	Bavarian Bastard Toadflax	Pirin
Sapindaceae	Maple Family	
<i>Acer hyrcanum</i>	Balkan Maple	showy tree on some roadsides
<i>Acer platanoides</i>	Norway Maple	Vitosha
<i>Acer pseudoplatanus</i>	Sycamore	quite common
<i>Acer tataricum</i>	Tartar Maple	Vitosha
Saxifragaceae	Saxifrage Family	
<i>Saxifraga luteoviridis (S. corymbosa)</i>	-	rock climbing site nr Pirin
<i>Saxifraga paniculata</i>	Livelong Saxifrage	gone over, Pirin
<i>Saxifraga pedemontana</i>	Piedmont Saxifrage	Pirin
<i>Saxifraga rotundifolia</i>	Round-leaved Saxifrage	Pirin, Rhodope
<i>Saxifraga sempervivum</i>	-	Pirin, gone over
<i>Saxifraga stellaris</i>	Starry Saxifrage	Pirin, Vitosha
Scrophulariaceae	Figwort Family	
<i>Scrophularia canina</i>	Alpine Figwort	Pirin

Scientific Name	Common Name	Location
<i>Scrophularia nodosa</i>	Common Figwort	Dospat
<i>Scrophularia scopolii</i>	Italian Figwort	Rhodope
<i>Verbascum blattaria</i>	Moth Mullein	Rhodope
<i>Verbascum davidoffii</i> *	-	Bansko
<i>Verbascum densiflorum</i>	-	Bansko
<i>Verbascum longifolium</i>	-	Bansko
<i>Verbascum nigrum (abietinum)</i>	a Dark Mullein	roadsides, quite common
<i>Verbascum speciosum</i>	-	very common in places
Solanaceae	Nightshade Family	
<i>Hyoscyamus niger</i>	Henbane	waste ground nr Bansko
<i>Solanum dulcamara</i>	Bittersweet	grassy areas
Thymelaeaceae	Mezereon Family	
<i>Daphne cneorum</i>	Garland Flower	Pirin
<i>Daphne mezereum</i>	Mezereon	leaves only
<i>Daphne oleoides</i>	-	roadsides nr Pirin
<i>Thymelaea (passerina)</i>		Rhodope
Ulmaceae	Elm Family	
<i>Ulmus minor</i>	Small-leaved Elm	widespread
Urticaceae	Nettle Family	
<i>Urtica dioica</i>	Stinging Nettle	widespread in cultivated areas
Verbenaceae	Verbena Family	
<i>Verbena officinalis</i>	Vervain	Bansko
Violaceae	Violet family	
<i>Viola arvensis</i>	Field Pansy	nr Dospat
<i>Viola biflora</i>	Yellow Wood Violet	Pirin
<i>Viola orbelica</i> *	-	Pirin
<i>Viola tricolor</i>	Heartsease	picnic site nr Dospat
MONOCOTS	Monocotyledons	
Amaryllidaceae	Daffodil Family	
<i>Allium albidum</i>	-	Golo Bardo
<i>Allium carinatum</i>	Keeled Garlic	Studena
<i>Allium vineale</i>	Crow Garlic	common in grassy areas
Asparagaceae	Asparagus Family	
<i>Anthericum liliago (ramosum)</i>	St Bernard's Lily	Dospat
<i>Leopoldia (Muscari) comosa</i>	Tassel Hyacinth	picnic site nr Dospat
<i>Muscari tenuiflorum</i>	a Tassel Hyacinth	picnic site nr Dospat
<i>Ornithogalum comosum</i>	-	Golo Bardo
<i>Polygonatum odoratum</i>	a Solomon's-seal	woods and shady verges
<i>Polygonatum verticillatum</i>	Whorled Solomon's-seal	nr Dospat
<i>Scilla bifolia</i>	Alpine Squill	Pirin
Cyperaceae	Sedge Family	
<i>Blysmus compressus</i>	Flat Sedge	Pirin
<i>Carex caryophyllea</i>	Spring Sedge	Golo Bardo area
<i>Carex echinata</i>	Star Sedge	Golo Bardo
<i>Carex nigra</i>	Common Sedge	widespread
<i>Carex riparia</i>	Greater Pond Sedge	nr Rila
<i>Carex sylvatica</i>	Wood Sedge	Vitosha
<i>Carex vulpina (or otrubae?)</i>	True Fox Sedge	meadow nr Dospat
<i>Eleocharis palustris</i>	Common Spike-rush	
<i>Eriophorum latifolium</i>	Broad-leaved Cotton-grass	common in Pirin wet areas
<i>Scirpus sylvaticus</i>	Wood Club-rush	Pirin
Dioscoreaceae	Black Bryony Family	
<i>Tamus communis</i>	Black Bryony	Bansko

Scientific Name	Common Name	Location
Iridaceae		
<i>Crocus veluchensis</i>	-	snowy slopes on Pirin
<i>Gladiolus palustris</i>	-	nr Rila
<i>Iris reichenbachii</i>	-	slopes on road to Pirin
Juncaceae		
<i>Juncus articulatus</i>	Jointed Rush	wet meadows, common
<i>Juncus bufonius</i> agg.	Toad Rush	tracks on way to Pirin hut
<i>Juncus effusus</i>	Soft Rush	common
<i>Juncus inflexus</i>	Hard Rush	widespread
<i>Juncus trifidus</i>	Three-leaved Rush	Pirin
<i>Luzula forsteri</i>	Southern Wood-rush	Pirin
<i>Luzula luzuloides</i>	White Wood Rush	Rhodope
<i>Luzula sylvatica</i>	Great Wood-rush	Rhodope
Liliaceae		
<i>Gagea fistulosa</i>	a Yellow Star-of-Bethlehem	Rhodope
<i>Lilium martagon</i>	Martagon Lily	Rhodope
Melanthiaceae		
<i>Paris quadrifolia</i>	Herb-Paris	Pirin
<i>Veratrum album (lobelianum)</i>	White False Helleborine	Pirin mountain slopes
Orchidaceae		
<i>Anacamptis (Orchis) coriophora</i>	Bug Orchid	seed heads only, abundant mostly over nr Rila, plus nr Dospat
<i>Anacamptis palustris</i> subsp. <i>elegans</i>	-	Rhodope, Dospat
<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	roadside site nr Golo Bardo
<i>Cephalanthera rubra</i>	Red Helleborine	Vitosha, Pirin, Dospat
<i>Dactylorhiza baumanniana</i>	Baumann's Marsh Orchid	roadsides nr Pirin
<i>Dactylorhiza cordigera</i>	Heart-shaped Marsh Orchid	wet meadow nr Dospat
<i>Dactylorhiza incarnata</i> agg.	Early Marsh Orchid	roadsides nr Pirin
<i>Dactylorhiza saccifera</i>	Wedge-lipped Orchid	Pirin
<i>Dactylorhiza (Coeloglossum) viridis</i>	Frog Orchid	in tight bud, no flowers
<i>Epipactis helleborine</i>	Broad leaved Helleborine	wet meadow nr Rila
<i>Epipactis palustris</i>	Marsh Helleborine	picnic site nr Dospat
<i>Gymnadenia conopsea</i> agg.	Fragrant Orchid	wet flushes on Pirin mountain
<i>Gymnadenia frivaldii</i>	Frivald's Fragrant Orchid	Golo Bardo slopes
<i>Himantoglossum jankae</i> (name accepted by Kew etc.)	Balkan Lizard Orchid	nr Dospat
<i>Limodorum abortivum</i>	Violet Limodore	Satovcha picnic site
<i>Neotinea ustulata</i>	Burnt Orchid	nr Pirin and Dospat
<i>Neottia nidus-avis</i>	Bird's Nest Orchid	Pirin roadsides
<i>Neottia ovata</i>	Twayblade	nr Dospat
<i>Platanthera chlorantha</i>	Greater Butterfly Orchid	
Poaceae		
<i>Aegilops geniculata</i>	Ovate Goat Grass	dry grassy areas
<i>Agrostis capillaris</i>	Common Bent	common
<i>Aira elegantissima</i>	-	Golo Bardo
<i>Anthoxanthemum odoratum</i>	Sweet Vernal Grass	Common
<i>Arrhenatherum elatius</i>	False Oat-grass	roadsides, common
<i>Brachypodium sylvaticum</i>	False Brome	common
<i>Briza media</i>	Quaking Grass	Satovcha picnic site
<i>Bromus inermis</i>	Hungarian Brome	common
<i>Bromus hordaceus</i> agg.	Soft Brome	common
<i>Chrysopogon gryllus</i>	a "Bunch Grass"	Rhodope
<i>Cynodon dactylon</i>	Bermuda Grass	Bansko
<i>Cynosurus cristatus</i>	Crested Dogstail	common

Scientific Name	Common Name	Location
<i>Cynosurus echinatus</i>	Rough Dogstail	Golo Bardo
<i>Dactylis glomerata</i>	Cocksfoot	common
<i>Holcus lanatus</i>	Yorkshire Fog	common
<i>Hordeum murinum</i>	Wall Barley	Bansko
<i>Melica ciliata</i>	Ciliate Melick	Pirin
<i>Melica uniflora</i>	Wood Melick	Pirin
<i>Melica nutans</i>	Mountain Melick	Pirin
<i>Nardus stricta</i>	Mat Grass	Pirin
<i>Phleum alpinum</i>	Alpine Catstail	Pirin
<i>Phleum pratense</i>	Timothy	common
<i>Poa compressa</i>	Flattened Meadow Grass	Bansko
<i>Poa annua</i>	Annual Meadow Grass	Bansko
<i>Poa pratensis</i>	Smooth Meadow Grass	nr Dospat
<i>Secale rhodopaeum</i> *	an endemic Rye-grass	Rhodope (RDB species)
<i>Stipa pennata</i>	Needle Grass	Golo Bardo area
Typhaceae	Reedmace Family	
<i>Typha latifolia</i>	Reedmace	ponds near Satovcha picnic site
Xanthorrhoeaceae	Asphodel Family	
<i>Asphodeline lutea</i>	a Yellow Asphodel	seed heads only
<i>Asphodelus taurica</i>	a White Asphodel	seed heads only

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

	Common name	Scientific name	June								
			16	17	18	19	20	21	22	23	
1	Mallard	<i>Anas platyrhynchos</i>	✓								
2	Common Quail	<i>Coturnix coturnix</i>							✓		
3	White Stork	<i>Ciconia ciconia</i>			✓				✓		✓
4	Common Buzzard	<i>Buteo buteo</i>			✓					✓	✓
5	Corn Crane	<i>Crex crex</i>							H		
6	Common Wood Pigeon	<i>Columba palumbus</i>	✓		✓						✓
7	European Turtle Dove	<i>Streptopelia turtur</i>							H		
8	Eurasian Collared Dove	<i>Streptopelia decaocto</i>			✓				✓		
9	Common Swift	<i>Apus apus</i>			✓				✓	✓	✓
10	Great Spotted Woodpecker	<i>Dendrocopos major</i>				✓					
11	European Green Woodpecker	<i>Picus viridis</i>			✓					✓	
12	Grey-headed Woodpecker	<i>Picus canus</i>							✓		
13	Common Kestrel	<i>Falco tinnunculus</i>		✓	✓						✓
14	Red-backed Shrike	<i>Lanius collurio</i>							✓		
15	Eurasian Golden Oriole	<i>Oriolus oriolus</i>							✓		
16	Eurasian Jay	<i>Garrulus glandarius</i>			✓				✓		
17	Eurasian Magpie	<i>Pica pica</i>			✓						✓
18	Spotted Nutcracker	<i>Nucifraga caryocatactes</i>				✓	✓			✓	✓
19	Carrion Crow	<i>Corvus corone</i>		✓						✓	✓
20	Hooded Crow	<i>Corvus cornix</i>							✓	✓	✓
21	Northern Raven	<i>Corvus corax</i>				✓				✓	
22	Coal Tit	<i>Parus ater</i>				✓					
23	Sombre Tit	<i>Poecile lugubris</i>				✓					
24	Eurasian Blue Tit	<i>Cyanistes caeruleus</i>		✓						✓	
25	European Crested Tit	<i>Lophophanes cristatus</i>				✓				✓	
26	Great Tit	<i>Parus major</i>								✓	
27	Eurasian Skylark	<i>Alauda arvensis</i>		✓							

	Common name	Scientific name	June								
			16	17	18	19	20	21	22	23	
28	Woodlark	<i>Lullula arborea</i>								✓	
29	Barn Swallow	<i>Hirundo rustica</i>	✓	✓						✓	✓
30	Eurasian Crag Martin	<i>Hirundo rupestris</i>					✓	✓	✓		
31	Common House Martin	<i>Delichon urbicum</i>	✓	✓			✓	✓	✓	✓	
32	Eurasian Blackcap	<i>Sylvia atricapilla</i>					✓	✓	✓		
33	Eurasian Wren	<i>Troglodytes troglodytes</i>								✓	
34	Common Starling	<i>Sturnus vulgaris</i>	✓				✓				✓
35	Ring Ouzel	<i>Turdus torquatus</i>					✓				
36	Common Blackbird	<i>Turdus merula</i>	✓	✓	✓	✓			✓	✓	
37	Mistle Thrush	<i>Turdus viscivorus</i>								✓	
38	European Robin	<i>Erithacus rubecula</i>					✓				
39	Common Nightingale	<i>Luscinia megarhynchos</i>	✓	✓	✓						
40	Black Redstart	<i>Phoenicurus ochruros</i>		✓							
41	Northern Wheatear	<i>Oenanthe oenanthe</i>					✓				
42	White-throated Dipper	<i>Cinclus cinclus</i>			✓					✓	
43	House Sparrow	<i>Passer domesticus</i>		✓	✓			✓			✓
44	Spanish Sparrow	<i>Passer hispaniolensis</i>						✓			
45	Tree Sparrow	<i>Passer montanus</i>			✓						
46	Dunnock	<i>Prunella modularis</i>					✓				
47	Grey Wagtail	<i>Motacilla cinerea</i>			✓					✓	
48	White Wagtail	<i>Motacilla alba</i>		✓					✓	✓	✓
49	Common Chaffinch	<i>Fringilla coelebs</i>	✓			✓	✓		✓		
50	European Greenfinch	<i>Chloris chloris</i>							✓		
51	Red Crossbill	<i>Loxia curvirostra</i>				✓	✓				
52	European Goldfinch	<i>Carduelis carduelis</i>									✓
53	Corn Bunting	<i>Emberiza calandra</i>							✓		

Mammals

1	Red Deer	<i>Cervus elaphus</i>	✓								✓
2	Roe Deer	<i>Rupicapra rupicapra</i>									✓
3	Red Squirrel	<i>Sciurus vulgaris</i>	✓								✓
4	Rabbit	<i>Oryctolagus cuniculus</i>				✓					
5	Hedgehog	<i>Erinaceus europaeus</i>				✓					

Amphibians & Reptiles

1	Common Frog	<i>Rana temporaria</i>		✓					✓		
2	Eastern Green Lizard	<i>Lacerta viridis</i>		✓							
3	Common Wall Lizard	<i>Podarcis muralis</i>		?							
4	Common Lizard	<i>Zootoca (Lacerta) vivipara</i>							✓		
5	Snake-eyed Skink	<i>Ablepharus kitaibeli</i>							✓		

Fish

1	Brown Trout	<i>Salmo trutta</i>									✓
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Butterflies

1	Swallowtail	<i>Papilio machaon</i>			✓						
2	Black-veined White	<i>Aporia crataegi</i>	✓	✓	✓						
3	Large White	<i>Pieris brassicae</i>		✓						✓	
4	Small White	<i>Pieris (Artogeia) rapae</i>	✓						✓		✓

	Common name	Scientific name	June							
			16	17	18	19	20	21	22	23
5	Clouded Yellow	<i>Colias croceus</i>					✓			
6	Blue-spot Hairstreak	<i>Satyrium spini</i>		✓						
7	Purple-edged Copper	<i>Lycaena hippothoe</i>			✓					
8	Holly Blue	<i>Celastrina argiolus</i>							?	
9	Brown Argus	<i>Aricia agestis</i>			?					
10	Common Blue	<i>Polyommatus icarus</i>		✓				✓		
11	White Admiral	<i>Limenitis camilla</i>							✓	
12	Camberwell Beauty	<i>Nymphalis antiopa</i>		✓						
13	Red Admiral	<i>Vanessa atalanta</i>							✓	
14	Painted Lady	<i>Vanessa cardui</i>		✓			✓			
15	High Brown Fritillary	<i>Argynnis adippe</i>	✓							
16	Heath Fritillary	<i>Melitaea athalia</i>							?	
17	Balkan Marbled White	<i>Melanargia larissa</i>	✓							
18	Wall Brown	<i>Lasiommata megera</i>				✓				
19	Tesselated Skipper	<i>Muschampia tessellum</i>								
20	Small Skipper	<i>Thymelicus sylvestris</i>	✓	✓						

Micro Moths

1	a Crambid grass moth	<i>Crambus craterellus</i>						✓	✓	
2	White Plume	<i>Pterophorus pentadactyla</i>							✓	

Macro Moths

1	Forester sp	<i>Adscita sp</i>					✓			
2	A Burnet	<i>Zygaena ephialtes</i>				✓				
3	A Burnet	<i>Zygaena loniceræ</i>	?							
4	Transparent Burnet	<i>Zygaena purpuralis</i>		✓						
5	Latticed Heath Moth	<i>Semiothisa clathrata</i>							✓	
6	Speckled Yellow	<i>Pseudopanthera macularia</i>	✓							
7	Humming-bird Hawk-moth	<i>Macroglossum stellatarum</i>		✓		✓	✓			
8	Bedstraw Hawk-moth	<i>Hyles galii</i>								
9	Yellow-tailed Moth	<i>Euproctis similis</i>							✓	✓
10	Silver-Y	<i>Autographa gamma</i>	✓							
11	Burnet Companion	<i>Euclidia glyphica</i>	✓					✓		

Other Invertebrates

1	Bush-cricket sp.	<i>Barbitistes fischeri</i>						?		
2	Speckled Bush-cricket	<i>Leptophyes punctatissima</i>		✓					✓	
3	Large Conehead	<i>Ruspolia nitidula</i>				✓				
4	Wart-biter Bush-cricket	<i>Decticus verrucivorus</i>						✓		
5	Field Cricket	<i>Gryllus campestris</i>	✓	✓				✓		
6	Common Field Grasshopper	<i>Chorthippus brunneus</i>		✓				✓		
7	Praying Mantis	<i>Mantis religiosa</i>						✓		
8	a red & black Shieldbug	<i>Eurydema dominulus</i>						✓		
9	a Shieldbug	<i>Graphosoma lineatum (G. italicum)</i>						✓		
10	a brown Shieldbug	<i>Carpocoris fuscispinus</i>						✓	✓	
11	Red & Black Froghopper	<i>Cercopsis vulnerata</i>	✓					✓	✓	
12	Mosquito sp!	<i>Culicidae sp.</i>	✓						✓	
13	a Horsefly	<i>Tabanus bovinus</i>							✓	
14	a Horsefly	<i>Tabanus sudeticus</i>							?	
15	Bluebottle Fly	<i>Calliphora vomitoria</i>	✓							

	Common name	Scientific name	June								
			16	17	18	19	20	21	22	23	
16	Robin's Pincushion gall	<i>Diplolepis rosae</i>		✓							
17	Large Wood Ant	<i>Formica sp.</i>								✓	
18	Honey Bee	<i>Apis mellifera</i>								✓	
19	a Ground Beetle	<i>Carabus coriaceus</i>		✓							
20	Dung Beetle	<i>Aphodius rufipes</i>		?							
21	Colorado Beetle	<i>Leptinotarsa decemlineata</i>							✓		
22	a Chafer	<i>Hoplia farinosa</i>		✓							
23	Wasp Beetle	<i>Clytus arietus</i>	✓						✓		
24	Rosechafer	<i>Cetonia aurata</i>						✓			
25	Seven-spot Ladybird	<i>Coccinella septempunctata</i>	✓								
26	Leaf Beetle	<i>Chrysolina varians</i>								?	
27	Leaf Beetle	<i>Cryptocephalus sp.</i>		✓							
28	large millipede sp.	<i>Schizophyllum sp.</i>									
29	Orb-web Spider	<i>Araneus sp.</i>		✓	✓				✓		
30	Wasp Spider	<i>Argiope bruennichi</i>							✓		
31	Crab Spider	<i>unknown species</i>							✓		
32	Nursery-web Spider	<i>Pisaura mirabilis</i>	✓								

Molluscs

	Large Black Slug	<i>Arion ater</i>	✓								
	-	<i>Cepaea vindobonensis</i>	?								
	-	<i>Helix lucorum</i>					?				
	Roman or Edible Snail	<i>Helix pomatia</i>		✓						✓	
	Great Grey Slug	<i>Limax maximus</i>	✓								
	Amber Snail	<i>Succinea putris</i>				✓					
	-	<i>Zebrina detrita</i>								✓	

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