

Armenia in Spring

Naturetrek Tour Report

6 - 14 June 2019



Mammoth Wasp, *Megascolia maculata*



Black-eared Wheatear



Alpine Gagea/Colchicum



Scarce Swallowtail

Report by Neil Anderson



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Ani Sarkisyan and Artem Murdakhanyan (local ornithologists)
With nine Naturetrek clients.

Day 1

Thursday 6th June

Arrive Terevan via Moscow

We departed late morning from Terminal 4 at Heathrow to Moscow on a comfortable Aeroflot flight. After a four-hour flight we had a similar length wait at Moscow for our connecting flight to Yerevan which arrived after midnight.

Day 2

Friday 7th June

Mount Aragats

A leisurely start to our day we had an hour's drive to Mount Aragats which is a four-peaked volcano massif which at the northern end reaches 4090 metres above sea level, the highest point in the lower Caucasus and Armenia. Our plan was to stop at various points on the ascent to explore different vegetation zones with their differing avifauna. We started by the alphabet park which was busy with tourists. Birds seen here included a singing Black-headed Bunting which was to be one of our most frequently encountered birds on the trip, a Booted Eagle passing over and a male Caspian Stonechat. The verges were colourful with masses of Variable Vetch, Oriental Poppy and *Anchusa azurea*. The warm conditions encouraged plenty of insects with Scarce Swallowtail, Painted Lady, Clouded Yellow and Hummingbird Hawk-moth seen.

A little higher, we saw masses of the feathery umbellifer *Prangos ferulacea*, with yellow heads, and in a small orchard we could hear Common Rosefinch singing. Initially difficult to see, we were disappointed to see a rather drab first-summer male. However, in the following days this was to be a common species with many fine males seen at close quarters.

We took our lunch, with a couple of substantial wraps and other goodies, in the Juniper zone. A few of the group connected with one of our target species, Radde's Accentor, a Dunnock relative with a black bandit mask and creamy supercilium. A pair of Rock Thrush showed well, as did Red-backed Shrikes and a few of us saw a distant Golden Eagle being mobbed.

After lunch we visited a tourist hotspot at Tegher Monastery where we saw a couple of Armenian Rock Lizards as well as some interesting plants such as Henbane, bright-blue Comfrey and the delightful garlic *Allium tripedale*. Following this combined cultural/nature stop we headed for the snow-capped alpine zone. Where the snow had recently retreated, we were treated to a delightful alpine garden with yellow *Gagea glacialis*, *Colchicum*, *Puschkinia* and *Scilla*. Further up by the buildings were several Black Redstarts of the nominate form, which differs from those we see in the UK by extensive red on the vent and lower belly. Also here were Northern Wheatear and much to our surprise, Radde's Accentor, which should have been lower down. What was amazing was to watch hundreds of Painted Ladies flying low over the snow upwards. Armenia was experiencing a huge influx of this highly migratory Vanessid and was abundant throughout the trip.

Driving back a bit we stopped, and I picked up a Lammergeier flying across from us which was exciting for the group. Crag Martins flew low over us and were breeding in a small stone building. Keith spotted a Ring Ouzel, but few others got onto it. Lynn discovered some white-flowered *Pulsatilla albana*. Descending, we stopped, and

everybody had good views of a White-throated Robin; possibly not the best named bird as the white can be difficult to see, but a beautiful bird nonetheless.

We finished our day with a lovely meal with local wine in a restaurant in Yerevan.

Day 3

Saturday 8th June

Armash fishponds, Noravank

We departed the capital, Yerevan and headed for the Armash fishponds where we needed to show our passports as we were close to the border. While we waited for clearance from the security man, we saw a Purple Heron (the first of several) sitting on a large post, a few Night Herons and our first Armenian Gulls.

It was a hot and humid day and the channel held many Banded Demoiselles, a few patrolling Lesser Emperors, a few Ivory Featherlegs as well as a handsome male Broad Scarlet and both Black-tailed and White-tailed Skimmers. Dave felt a large buzzing on his neck and the culprit- a huge Mammoth Wasp, *Megascolia maculata*, then rested on his trousers where it stayed for some time as he walked around. We saw a Menetries's Warbler which seemed to have a nest between the Tamarisk and Camel Thorn. From this point we also managed to see a few Blue-cheeked Bee-eaters on the wires, the only breeding colony in the country.

Our views of the lakes were obscured by the reed growth but as we overlooked an extensive flat area with some marshy areas, we watched Glossy Ibis feeding, a few Black-winged Stilts, a pair of Northern Lapwing and, more excitingly, a pair of White-tailed Lapwings which had a couple of chicks. Later we also saw a displaying Lesser Short-toed Lark and some Collared Pratincoles. A break in the reeds enabled us to view numerous Pygmy Cormorants flying around and there were quite a few Red-crested Pochard including a family, a drake Ferruginous Duck and two male White-headed Ducks. Omnipresent amongst the reeds was the raucous sound of singing Great Reed Warblers and unbelievable numbers of Bearded Tits.

After our lunch we continued our journey to Noravank. While driving, heavy rain started and continued for a while when we reached the monastery where a wedding was underway. The monastery dates back to the 13th century and is situated in a magnificent gorge of sheer brick-red cliffs. Red-billed Choughs called overhead and we located a nesting pair of Eastern Rock Nuthatches on a cliff face. A male Blue Rock Thrush was briefly perched on the spire and a Golden Eagle was seen overhead. Perhaps the highlight was to eventually get excellent close views of Red-fronted Serins, though they were tricky to peg down.

As the weather improved, we drove further down the road to see what we could find. We had good views of another Lammergeier and also an Egyptian Vulture, whilst Stuart spotted a Bezoar Goat at the top of the cliff opposite. We managed to scope this for the group and soon found another individual. Along the road were quite a few flowers with a couple of sage species- *Salvia sclarea* and *S. nemorosa*; both species cultivated in gardens, as well as lots of pink Crown Vetch. Butterflies included a settled Cardinal (a species we were to encounter frequently) and a roosting Yellow-banded Skipper.

We then continued for another 30-minute drive to the town of Yeghegnadzor, situated in the south of Armenia. In the evening we had a delightful outside meal at a local restaurant where an Eastern Hedgehog was roaming around. Later we had some fabulous authentic dancing from a local schoolgirl while her friend played the drums.

Day 4

Sunday 9th June

Mount Gndasar

Today was an early start, leaving in our vehicles soon after 5am. The drive was interesting as we passed various vegetation communities. When we reached our destination, it was rather slow going at first though we did start to hear the Curlew-like calls of our quarry - the Caspian Snowcock. We were surprised to hear a singing Cetti's Warbler up here and we had close views of a pair of Lesser Grey Shrikes in the scrub behind.

After about an hour, one of the rangers spotted a distant Snowcock on the mountain top over the valley. Though distant, we later had much closer views on the nearer mountain side. We were thrilled when a Brown Bear appeared, swiftly followed by another. Romance was in the air and before long we could see a lot of amorous activity was going on which continued for a good half an hour or so. At one point a Snowcock was fairly close to the bears. We also saw more Bezoar here.

After feeling very satisfied with our good luck we had our packed breakfasts and drove further down the tracks. Dominating the vegetation was a tall, yellow-flowered unknown umbellifer as well as more *Prangos* and *Zosima absinthifolia*, *Salvia inflata* and *Onosma sericea*. The real highlight here was the large number of mud-puddling butterflies with numerous blues including Pontic Blues, numerous *Pyrgus* skippers, Scarce Swallowtails and a few fritillaries. Later we saw a couple of Southern White Admirals. Much lower down the fields were colourful with poppies, the purple larkspur *Consolida orientalis* and the blue cornflower *Cyanus depressus* (formerly *Centaurea depressa*).

As we arrived back at our hotel, we could hear a Golden Oriole that remained elusive and some connected with a Syrian Woodpecker.

After a brief break we drove back in the direction of Noravank. At our first stop we had good views of Egyptian Vulture and Eastern Rock Nuthatches. We had our only sighting of a Hermit butterfly here. As it was otherwise fairly quiet, we moved onto another site that was very productive. Amongst the quality birds seen included a pair of Isabelline Wheatears, a pair of White-throated Robins that were breeding in a bush, Rufous-tailed Scrub Robin, Upcher's Warbler and also an Eastern Orphean Warbler. Other wildlife included our first prehistoric looking Caucasian Agama lizard and Nettle-tree Butterfly.

Day 5

Monday 10th June

Selim pass, Lake Sevan

We departed our hotel and had our first stop at the historic Caravanserai which was situated on the silk route and provided shelter for travellers and their camels. Nesting in a crevice between the bricks was a pair of Rock Sparrows. Also breeding in an outhouse was a pair of Black Redstarts and some Crag Martins. We also had good views of a Booted Eagle as it passed over, and our first Whinchats.

Our next stop was by a stream where a Marsh Warbler was singing. We watched Rock Thrushes collecting food for their young and Tree Pipits indulged us with their parachuting flight display. In the meadow across the road was a large colony of the marsh orchid *Dactylorhiza euxina*, resplendent in purple, and also some yellow lousewort *Pedicularis sibthorpii*.

We then drove further along the pass until we came across some old buildings and where Artem was hoping we might see White-winged Snowfinch. Our luck was almost immediate as one flew from a nest site in a cavity in the building. It flew across into the field, but we had excellent views of the pair. On the more distant lake we could see over 50 Ruddy Shelduck.

We then moved to a stop by Lake Sean, the largest lake in the Caucasus and one of the largest alpine lakes in Eurasia. There was some intermittent rain, but we could see Hoopoes and a couple of European Bee-eaters from our vehicle. Large numbers of Sand Martins resided here, with many nest holes in the bank. As we ambled along, we observed several Purple and Night Herons in flight, a Spoonbill and our first two Grey Herons of the trip. Amongst the plants seen here were the bluish flowers of Branched Broomrape, Bur Forget-me-not and the catchfly *Silene spergulifolia*.

Our final stop for the day at Lake Sevan was the site of a huge breeding colony of Armenian Gulls, where up to 6000 pairs breed. We did see quite a few chicks. There were also a few hundred Great Cormorants breeding here too. Other birds encountered were Cattle Egrets, a Little Ringed Plover and a Whiskered Tern. The area around the colony was colourful with the attractive thistle *Carduus hamulosus*, the bright yellow Ground Pine and several other species.

From here we drove to our next base in the wooded surrounds of Dilijan, a town in the north famed for its spa resorts and craft workshops.

Day 6

Tuesday 11th June

Dilijan

We had a fairly local day today with a drive up to the lake by a play area. The birds here are used to people so were pretty tame. A smart male Bullfinch fed on the ground a few metres away from us, Coal Tits and Eurasian Nuthatches were everywhere, while Common Redstarts were nesting in the eaves of a chalet. We eventually had good views of Middle Spotted Woodpecker and a Semi-collared Flycatcher. Persian Squirrels also gave some good views here. A couple of attractive new pea species were added to the list here: *Lathyrus laxiflorus* and *L. roseus*. Driving a distance back along the road we noted quite a few White and Red Helleborines in the shade of the wood and a couple of robust Bird's-nest Orchids in the shade.

At our lunch spot near a church we saw the attractive knapweed *Psephellus dealbatus* and the unusual yellow-flowered *Rhynchospora orientalis*. On the ruins we found a couple of *Darevskia* rock lizards and a mating pair of Firebugs. On a later walk Ani found a Lesser Spotted Woodpecker for us and we eventually had a good view of a very active Green Warbler which was singing in the canopy of some mature trees.

Day 7

Wednesday 12th June

Dilijan-Yerevan

Today involved another very early start for most of the group as we had a 90-minute drive in 4x4s from Dilijan up an exceedingly rough mountain track to seek out Caucasian Grouse. We viewed from Margahorit. Initially, little was seen, but after 30 minutes a male was spotted at the top of the cliff opposite. Fortunately, everybody had scope views of this bird, perched on a rock giving great side profile views with the sun behind us giving excellent light. It then disappeared, never to be seen again. We then drove a little higher and encountered both Tree and Water Pipits. There were some wonderful flowers included creamy-yellow *Rhododendron caucasicum*,

masses of *Veronica gentianoides*, fragrant *Daphne glomerata* and quite a few marsh orchids. Lynn found a couple of dwarf Frog Orchids while we tried to find a Mountain Chiffchaff.

After this hair-raising journey we returned to our hotel before departing for Yerevan. We stopped on a pass for Mountain Chiffchaff which, after much frustration, eventually gave reasonable views to clinch the ID. Even the local guides couldn't separate the song from Common Chiffchaff, so we required decent views to clinch it! In the same area was a wonderful display of Armenian Lilies with large showy yellow flowers.

Lunch was taken by Lake Sevan "Island". As we started to eat a Lesser Spotted Eagle appeared and we had good views. Not visible were a couple of Quail calling in the meadows.

Before hitting Yerevan, we had one final stop with reedbeds, fields and a small river. Great Reed Warblers showed on the reed tops while a Blue Emperor and Four-spotted Chaser were noted. In the rough field Black-headed Wagtails perched on top of the lofty mulleins holding food for their chicks. The roadside was colourful with the poppy *Glaucium corniculatum*, *Cyanus depressus* and *Echium biebersteinii*.

It was good to finally return to our original hotel in the capital.

Day 8

Thursday 13th June

Geghard Gorges

Before reaching the gorges, we stopped on a hillside with the usual backdrop of Black-headed Bunting and Common Rosefinch. Stuart's sharp eyes then picked up a small black-and-white bird perched in a dead bush on the brow of the hill. It was our target - a fine male Finsch's Wheatear. As we watched the bird, it seemed to regularly trade places with a much larger pied bird - a Magpie!

We then proceeded to the Temple of Garni, the only Greco-Roman colonnaded building in Armenia and is a symbol of pre-Christian Armenia. There were many visitors. Beside the temple was a deep gorge which gave us some fine birding moments. An Egyptian Vulture soared over as did a fine male Levant Sparrowhawk. On the opposite side of the gorge a Golden Eagle was mobbed by a Buzzard while we also had good views of Alpine Swifts and Red-billed Choughs. Nearby we had very close views of a pair of Black-eared Wheatears.

Walking down a steep side road we had views of a Syrian Woodpecker on a telegraph pole and observed a family of Western Rock Nuthatches. A patch of thistles had several obliging Cardinals sipping nectar and we delighted in over 30 Spoon-winged Lacewings *Nemoptera sinuata*, which were attracted to the yellow *Achilleas*. New plants here were Yellow Alkanet and the larkspur *Consolida divaricata*. We headed for lunch in a friendly fish restaurant where we were given a demonstration of dough preparation.

After lunch we headed to a rather busy gorge site where we saw a pale phase Booted Eagle and a Honey Buzzard. We then headed back to Yerevan for our final dinner in yet another fine local restaurant where we were treated to some local dancing and live music.

Day 9

Friday 14th June

Yerevan-Moscow- Heathrow

Several of the group opted for a walk in a local park in the city while a few decided on a lie-in. Those in the park were serenaded by Nightingales and we had good views of two of them. We also had a very tame Hoopoe feeding in some short turf while a female Syrian Woodpecker was busy excavating a stump. As with all the towns we visited there were large numbers of feeding Common Swifts.

We left our hotel in the late morning and made good time to the airport, where we were efficiently processed. From the lounge we had stunning views of Mount Ararat in neighbouring Turkey while a White Stork soaring in front of it gave more atmosphere.

Our flight to Moscow was delayed which meant less time hanging around there. At Moscow we said our farewells to Stuart and Carys who were travelling home to Belgium, while the rest of us continued to Heathrow.

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Species Lists

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

- | | |
|---|--|
| 1 Caucasian Grouse <i>Lyrurus mlokosiewiczzi</i> 1 male | 2 Caspian Snowcock <i>Tetraogallus caspius</i> 2 |
| 3 Chukar Partridge <i>Alectoris chukar</i> X | 4 Common Quail <i>Coturnix coturnix</i> H |
| 5 Ruddy Shelduck <i>Tadorna ferruginea</i> X | 6 Gadwall <i>Mareca strepera</i> X |
| 7 Mallard <i>Anas platyrhynchos</i> X | 8 Eurasian Teal <i>Anas crecca</i> X |
| 9 Marbled Duck <i>Marmaronetta angustirostris</i> X | 10 Common Pochard <i>Aythya ferina</i> X |
| 11 Ferruginous Duck <i>Aythya nyroca</i> X | 12 Tufted Duck <i>Aythya fuligula</i> X |
| 13 White-headed Duck <i>Oxyura leucocephala</i> X | 14 Alpine Swift <i>Tachymarptis melba</i> X |
| 15 Common Swift <i>Apus apus</i> X | 16 Common Cuckoo <i>Cuculus canorus</i> X |
| 17 Rock Dove [Feral] <i>Columba livia</i> Feral X | 18 Common Wood Pigeon <i>Columba palumbus</i> X |
| 19 Eurasian Collared Dove <i>Streptopelia decaocto</i> X | 20 Common Moorhen <i>Gallinula chloropus</i> X |
| 21 Eurasian Coot <i>Fulica atra</i> X | 22 Little Grebe <i>Tachybaptus ruficollis</i> X |
| 23 Great Crested Grebe <i>Podiceps cristatus</i> X | 24 Black-winged Stilt <i>Himantopus himantopus</i> X |
| 25 Northern Lapwing <i>Vanellus vanellus</i> X | 26 White-tailed Lapwing <i>Vanellus leucurus</i> X |
| 27 Little Ringed Plover <i>Charadrius dubius</i> X | 28 Common Sandpiper <i>Actitis hypoleucos</i> X |
| 29 Green Sandpiper <i>Tringa ochropus</i> X | 30 Common Redshank <i>Tringa totanus</i> X |
| 31 Collared Pratincole <i>Glareola pratincola</i> X | 32 Armenian Gull <i>Larus armenicus</i> X |
| 33 Common Tern <i>Sterna hirundo</i> X | 34 Whiskered Tern <i>Chilidonias hybrida</i> X |
| 35 Black Tern <i>Chilidonias niger</i> X | 36 White Stork <i>Ciconia ciconia</i> X |
| 37 Pygmy Cormorant <i>Microcarbo pygmeus</i> X | 38 Great Cormorant <i>Phalacrocorax carbo</i> X |
| 39 Glossy Ibis <i>Plegadis falcinellus</i> X | 40 Eurasian Spoonbill <i>Platalea leucorodia</i> X |
| 41 Little Bittern <i>Ixobrychus minutus</i> X | 42 Black-crowned Night Heron <i>Nycticorax nycticorax</i> X |
| 43 Squacco Heron <i>Ardeola ralloides</i> X | 44 Western Cattle Egret <i>Bubulcus ibis</i> X |
| 45 Grey Heron <i>Ardea cinerea</i> X | 46 Purple Heron <i>Ardea purpurea</i> X |
| 47 Little Egret <i>Egretta garzetta</i> X | 48 Bearded Vulture (Lammergeier) <i>Gypaetus barbatus</i> X |
| 49 Egyptian Vulture <i>Neophron percnopterus</i> X | 50 European Honey Buzzard <i>Pernis apivorus</i> X |
| 51 Lesser Spotted Eagle <i>Clanga pomarina</i> X | 52 Booted Eagle <i>Hieraaetus pennatus</i> X |
| 53 Golden Eagle <i>Aquila chrysaetos</i> X | 54 Levant Sparrowhawk <i>Accipiter brevipes</i> X |
| 55 Eurasian Sparrowhawk <i>Accipiter nisus</i> X | 56 Northern Goshawk <i>Accipiter gentilis</i> X |
| 57 Western Marsh Harrier <i>Circus aeruginosus</i> X | 58 Montagu's Harrier <i>Circus pygargus</i> X |
| 59 Black Kite <i>Milvus migrans</i> X | 60 Long-legged Buzzard <i>Buteo rufinus</i> X |
| 61 Common Buzzard <i>Buteo buteo</i> X | 62 Eurasian Scops Owl <i>Otus scops</i> H |
| 63 Eurasian Hoopoe <i>Upupa epops</i> X | 64 European Roller <i>Coracias garrulus</i> X |
| 65 Common Kingfisher <i>Alcedo atthis</i> X | 66 Blue-cheeked Bee-eater <i>Merops persicus</i> X |
| 67 European Bee-eater <i>Merops apiaster</i> X | 68 Middle Spotted Woodpecker <i>Dendrocopos medius</i> X |
| 69 Syrian Woodpecker <i>Dendrocopos syriacus</i> X | 70 Lesser Spotted Woodpecker <i>Dryobates minor</i> X |
| 71 Great Spotted Woodpecker <i>Dendrocopos major</i> X | 72 Common Kestrel <i>Falco tinnunculus</i> X |
| 73 Eurasian Hobby <i>Falco subbuteo</i> X | 74 Red-backed Shrike <i>Lanius collurio</i> X |
| 75 Lesser Grey Shrike <i>Lanius minor</i> X | 76 Woodchat Shrike <i>Lanius senator</i> X |
| 77 Eurasian Golden Oriole <i>Oriolus oriolus</i> X | 78 Eurasian Jay <i>Garrulus glandarius</i> X |
| 79 Eurasian Magpie <i>Pica pica</i> X | 80 Red-billed Chough <i>Pyrrhocorax pyrrhocorax</i> X |
| 81 Western Jackdaw <i>Corvus monedula</i> X | 82 Hooded Crow <i>Corvus cornix</i> X |
| 83 Northern Raven <i>Corvus corax</i> X | 84 Coal Tit <i>Periparus ater</i> X |
| 85 Eurasian Blue Tit <i>Cyanistes caeruleus</i> X | 86 Great Tit <i>Parus major</i> X |
| 87 Bearded Reedling <i>Panurus biarmicus</i> X | 88 Woodlark <i>Lullula arborea</i> X |
| 89 Eurasian Skylark <i>Alauda arvensis</i> X | 90 Crested Lark <i>Galerida cristata</i> X |
| 91 Greater Short-toed Lark <i>Calandrella brachydactyla</i> X | 92 Lesser Short-toed Lark <i>Calandrella rufescens pseudobaetica</i> |
| 93 Sand Martin <i>Riparia riparia</i> X | 94 Barn Swallow <i>Hirundo rustica</i> X |

- 95 Eurasian Crag Martin *Ptyonoprogne rupestris* X
 97 Cetti's Warbler *Cettia cetti* X
 99 Willow Warbler *Phylloscopus trochilus* X
 101 Common Chiffchaff *Phylloscopus collybita* X
 103 Great Reed Warbler *Acrocephalus arundinaceus* X
 105 Marsh Warbler *Acrocephalus palustris* X
 107 Upcher's Warbler *Hippolais languida* X
 109 Eurasian Blackcap *Sylvia atricapilla* X
 111 Eastern Orphean Warbler *Sylvia crassirostris* X
 113 Menetries's Warbler *Sylvia mystacea* X
 115 Eurasian Nuthatch *Sitta europaea* X
 117 Eastern Rock Nuthatch *Sitta tephronota* X
 119 Common Starling *Sturnus vulgaris* X
 121 Common Blackbird *Turdus merula* X
 123 Mistle Thrush *Turdus viscivorus* X
 125 European Robin *Erithacus rubecula* X
 127 Common Nightingale *Luscinia megarhynchos* X
 129 Semicollared Flycatcher *Ficedula semitorquata* X
 131 Black Redstart *Phoenicurus ochruros semirufus* X
 133 Common Rock Thrush *Monticola saxatilis* X
 135 Whinchat *Saxicola rubetra* X
 137 Northern Wheatear *Oenanthe oenanthe* X
 139 Black-eared Wheatear *Oenanthe hispanica* X
 141 House Sparrow *Passer domesticus* X
 143 Rock Sparrow *Petronia petronia* X
 145 Radde's Accentor *Prunella ocularis* X
 147 Black-headed Yellow Wagtail *Motacilla flava feldegg* X
 149 White Wagtail *Motacilla alba* X
 151 Water Pipit *Anthus spinoletta* X
 153 Hawfinch *Coccothraustes coccothraustes* X
 155 Common Rosefinch *Carpodacus erythrinus* X
 157 Common Linnet *Linaria cannabina* X
 159 European Goldfinch *Carduelis carduelis* X
 161 Corn Bunting *Emberiza calandra* X
 163 Otolan Bunting *Emberiza hortulana* X
 165 Common Reed Bunting *Emberiza schoeniclus caspia* X
 96 Common House Martin *Delichon urbicum* X
 98 Long-tailed Tit *Aegithalos caudatus major* X
 100 Mountain Chiffchaff *Phylloscopus sindianus* X
 102 Green Warbler *Phylloscopus nitidus* X
 104 Eurasian Reed Warbler *Acrocephalus scirpaceus* X
 106 Eastern Olivaceous Warbler *Iduna pallida* X
 108 Savi's Warbler *Locustella luscinioides* H
 110 Lesser Whitethroat *Sylvia curruca* X
 112 Common Whitethroat *Sylvia communis* X
 114 Eurasian Wren *Troglodytes troglodytes* X
 116 Western Rock Nuthatch *Sitta neumayer* X
 118 Eurasian Treecreeper *Certhia familiaris* X
 120 Ring Ouzel *Turdus torquatus* X
 122 Song Thrush *Turdus philomelos* X
 124 Rufous-tailed Scrub Robin *Erythropgygia galactotes syriaca* X
 126 Bluethroat *Luscinia svecica* X
 128 White-throated Robin *Irania gutturalis* X
 130 Red-breasted Flycatcher *Ficedula parva* X
 132 Common Redstart *Phoenicurus phoenicurus samamisisicus* X
 134 Blue Rock Thrush *Monticola solitarius* X
 136 Siberian Stonechat *Saxicola maurus* X
 138 Isabelline Wheatear *Oenanthe isabellina* X
 140 Finsch's Wheatear *Oenanthe finschii* X
 142 Eurasian Tree Sparrow *Passer montanus* X
 144 White-winged Snowfinch *Montifringilla nivalis* X
 146 Dunnock *Prunella modularis* X
 148 Grey Wagtail *Motacilla cinerea* X
 150 Tree Pipit *Anthus trivialis* X
 152 Common Chaffinch *Fringilla coelebs* X
 154 Eurasian Bullfinch *Pyrrhula pyrrhula* X
 156 European Greenfinch *Chloris chloris* X
 158 Red Crossbill *Loxia curvirostra* X
 160 Red-fronted Serin *Serinus pusillus* X
 162 Rock Bunting *Emberiza cia* X
 164 Black-headed Bunting *Emberiza melanocephala* X

Mammals

- 1 Red Fox *Vulpes vulpes* X
 3 Bezoar's Goat *Capra aegagrus aegagrus* X
 5 Eastern Hedgehog *Erinaceus concolor* X
 2 Caucasian Brown Bear *Ursus arctos caucasicus* 2
 4 Caucasian Squirrel *Sciurus anomalus* X

Amphibians & Reptiles

- 1 Marsh Frog *Pelophylax ridibundus* X
 3 Caspian Green Lizard *Lacerta strigata* X
 5 Radde's Rock Lizard *Darevskia raddeii* X
 2 Caucasian Agama *Laudakia caucasia* X
 4 Armenian Rock Lizard *Darevskia armeniaca* X
 6 Grass Snake *Natrix natrix* X

Butterflies

- 1 Scarce Swallowtail *Iphiclides podalirius persica*
 2 Clouded Apollo *Parnassius mnemosyne nubilosus*

- | | |
|--|--|
| 3 Black-veined White <i>Aporia crataegi iranica</i> | 4 Large White <i>Pieris brassicae</i> |
| 5 Small White <i>Pieris rapae transcaucasica</i> | 6 Green-veined White <i>Pieris napi</i> |
| 7 Eastern Bath White <i>Pontia edusa edusa</i> | 8 Orange Tip <i>Anthocharis cardamines</i> |
| 9 Clouded Yellow <i>Colias crocea</i> | 10 Brimstone <i>Gonepteryx rhamni miljanowskii</i> |
| 11 Blue-spot Hairstreak <i>Satyrrium spini</i> | 12 Small Copper <i>Lycaena phlaeus</i> |
| 13 Turkish Fiery Copper <i>Lycaena ochimus</i> | 14 Holly Blue <i>Celastrina argiolas</i> |
| 15 Green-underside Blue <i>Glaucopscyche alexis lugens</i> | 16 Brown Argus <i>Aricia agrestis azerbaijdzhana</i> |
| 17 Eastern Mazarine Blue <i>Polyommatus semiargus bellis</i> | 18 Amanda's Blue <i>Polyommatus amandus</i> |
| 19 Adonis Blue <i>Polyommatus (Lysandra) bellargus</i> | 20 Common Blue <i>Polyommatus icarus</i> |
| 21 Pontic Blue <i>Neolysandracoelestina</i> | 22 Nettle-tree Butterfly <i>Libythea celtis</i> |
| 23 Southern White Admiral <i>Limenitis reducta mirzajani</i> | 24 Red Admiral <i>Vanessa atalanta</i> |
| 25 Painted Lady <i>Vanessa cardui</i> | 26 Small Tortoiseshell <i>Aglais urticae turcica</i> |
| 27 Cardinal Fritillary <i>Argynnis pandora</i> | 28 Spotted Fritillary <i>Melitaea didyma transcaucasica</i> |
| 29 Lesser Spotted Fritillary <i>Malitaea trivialis caucasi</i> | 30 Heath Fritillary <i>Mellicta athalia athalia</i> |
| 31 a Marsh Fritillary 'type' <i>Euphydryas provincialis</i> | 32 Balkan Marbled White <i>Maelanargia larissa astanda</i> |
| 33 Woodland Ringlet <i>Erebia medusa psodea</i> | 34 'Eastern' Meadow Brown <i>Maniola jurtina strandiana</i> |
| 35 Saadi's Heath <i>Coenonympha saadi</i> | 36 Small Heath <i>Coenonympha pamphilus marginata</i> |
| 37 Wall Brown <i>Lasiommata megera megerina</i> | 38 Hermit <i>Chazara briseis armena</i> |
| 39 Grizzled Skipper sp <i>Pyrgus</i> sp | 40 Obethur's Grizzled Skipper <i>Pyrgus armoricanus persicus</i> |
| 41 Yellow-banded Skipper <i>Pyrgus sidae</i> | 42 Essex Skipper <i>Thymelicus lineola</i> |
| 43 Southern Small Skipper <i>Thymelicus sylvestris syriaca</i> | 44 Large Skipper <i>Ochlodes sylvianus</i> |
| 45 Mediterranean Skipper <i>Gegenes nostradamus</i> | |

Micros Moths

- | | |
|------------------------------------|--|
| 1 Pyralid <i>Synaphe moldavica</i> | 2 Rush Veneer <i>Nomophila noctuella</i> |
|------------------------------------|--|

Macros Moths

- | | |
|---|--|
| 1 Chimney Sweeper <i>Odezia atrata</i> | 2 Humming-bird Hawk-moth <i>Macroglossum stellatarum</i> |
| 3 Bordered Straw <i>Heliothis peltigera</i> | 4 Silver-Y <i>Autographa gamma</i> |
| 5 Mother Shipton <i>Callystege mi</i> | 6 Burnet Companion <i>Euclidia glyphica</i> |

Odonata

- | | |
|---|---|
| 1 Banded Demoiselle <i>Calopteryx splendens</i> | 2 Azure Bluet <i>Coenagrion puella</i> |
| 3 Scarce Blue-tail <i>Ischnura pumilio</i> | 4 Small Red-eye Damselfly <i>Erythromma viridulum</i> |
| 5 Common Winter Damselfly <i>Sympetma fusca</i> | 6 Ivory Featherleg <i>Platycnemis dealbata</i> |
| 7 Blue Emperor <i>Anax imperator</i> | 8 Lesser Emperor <i>Anax parthenope</i> |
| 9 Four-spotted Chaser <i>Libellula quadrimaculata</i> | 10 Black-tailed Skimmer <i>Orthetrum cancellatum</i> |
| 11 White-tailed Skimmer <i>Orthetrum albistylum</i> | 12 Southern Skimmer <i>Orthetrum brunneum</i> |
| 13 Red-veined Darter <i>Sympetrum fonscolombii</i> | 14 Southern Darter <i>Sympetrum meridionale</i> |
| 15 Broad Scarlet <i>Crocothemis erythraea</i> | |

Other Invertebrates

- | | |
|---|--|
| 1 Nose Grasshopper <i>Acrida ungarica</i> | 2 Wartbiter <i>Decticus verrucivorus</i> |
| 3 Field Cricket <i>Gryllus campestris</i> | 4 Hairy Shieldbug <i>Dolycoris baccarum</i> |
| 5 Shield Bug <i>Graphosoma lineatum</i> | 6 Shield Bug <i>Graphosoma semipunctata</i> |
| 7 Fire Bug <i>Pyrrhocoris apterus</i> | 8 Froghopper (Red & Black) <i>Cercopis vulnerata</i> |
| 9 Spoonwing <i>Nemoptera sinuata</i> | 10 Bee-fly <i>Bombylius</i> sp. |
| 11 Hover-fly sp. <i>Chrysotoxum bicinctum</i> | 12 Paper Wasp <i>Polistes</i> sp. |
| 13 Mammoth Wasp <i>Megascolia maculata</i> | 14 Armenian Bumblebee <i>Bombus armeniacus</i> |

- | | |
|--|--|
| 15 Carpenter Bee <i>Xylocopa</i> sp. | 16 Common Carder Bee <i>Bombus pascuorum</i> |
| 17 Honey Bee <i>Apis mellifera</i> | 18 Buprestid beetle <i>Julodis andreae</i> |
| 19 Pollen Chafer <i>Tropinota squalida</i> | 20 Pollen Chafer <i>Oxythyrea funesta</i> |
| 21 Rose Chafer <i>Cetonia aurata</i> | 22 Soldier Beetle <i>Rhagonycha fulva</i> |
| 23 Seven-spot Ladybird <i>Coccinella 7-punctata</i> | 24 Five-spot Ladybird <i>Coccinella 5-punctata</i> |
| 25 Adonis Ladybird <i>Hippodamia variegata</i> | 26 Orange Ladybird <i>Halyzia sedecimguttata</i> |
| 27 Longhorn Beetle <i>Agapanthia</i> c.f. <i>cynarae</i> | 28 Sheep Tick <i>Ixodes ricinus</i> |
| 29 Crab Spider <i>Misumena vatia</i> | |

Molluscs

- 1 Roman Snail *Helix pomatia*

Plants (* 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

PTERIDOPHYTES

FERNS & ALLIES

Aspleniaceae

Asplenium ruta-muraria

Spleenwort Family

Wall Rue

Cystopteridaceae

Cystopteris fragilis

Brittle Bladder-fern

Dryopteridaceae

Dryopteris filix-mas

Buckler-fern Family

Male Fern

GYMNOSPERMS

CONIFERS

Cupressaceae

Juniperus communis var. *saxatilis*

Juniperus depressus

Cypress Family

Prostrate Juniper

Ephedraceae

Ephedra procera

Joint Pine Family

Joint Pine

Pinaceae

Pinus sylvestris var. *hamata* (*P. kochiana*)

Pine Family

Koch's Pine

ANGIOSPERMS

FLOWERING PLANTS

Eu-Dicots

True Dicotyledons

Adoxaceae

Sambucus ebulus

Sambucus nigra

Viburnum lantana

Moschatel Family

Danewort

Elderberry

Wayfaring Tree

Amaranthaceae

Atriplex patula

Beta corolliflora

Chenopodium album

Goosefoot Family

Common Orache

-

Fat Hen

Scientific name

Chenopodium glaucum
Chenopodium hybridum
Suaeda maritima

Common name

Oak-leaved Goosefoot
 Maple-leaved Goosefoot
 Sea-blite

Apiaceae

Angelica archangelica
Anthriscus sylvestris
Chaerophyllum temulum
Chamaesciadium acaule
Foeniculum orientale
Heracleum mantegazzianum
Malabaila dasyantha
Prangos ferulacea
Sanicula europaea
Turgenia latifolia
Zosima absinthifolia

Carrot Family

Cow Parsley
 Chervil
 -
 Fennel
 Giant Hogweed

Apocynaceae

Cynanchum acutum

Periwinkle Family

Dog-strangler Vine

Betulaceae

Betula pendula subsp. *pendula* (*B. verrucosa*)
Carpinus betulus (*C. caucasicus*)
Carpinus orientalis
Corylus avellana

Birch Family

Birch
 Hornbeam
 Oriental Hornbeam
 Hazel

Boraginaceae

Alkanna orientalis
Anchusa arvensis
Anchusa azurea
Buglossoides arvensis
Cerinth minor
Cynoglossum officinale
Echium biebersteinii
Echium russicum (*E. rubrum*)
Echium vulgare
Lappula squarrosa
Myosotis alpestris
Nonea armeniaca
Onosma microcarpum
Onosma sericeum
Onosma setosa
Onosma taurica
Solenanthes stamineus
Symphytum asperum

Borage Family

Yellow Alkanet
 Bugloss
 Large Blue Alkanet

 Lesser Honeywort
 Hound's-tongue
 Bieberstein's Bugloss
 Red Bugloss
 Viper's-bugloss
 Bur Forget-me-not
 Alpine Forget-me-not
 -
 a Golden Drops
 a Golden Drops
 a Golden Drops
 -
 Rough Comfrey

Brassicaceae

Alliaria petiolata
Camelina laxa
Capsella bursa-pastoris
Cardamine bulbifera
Cardamine impatiens
Cardamine uliginosa

Cabbage Family

Garlic Mustard
 a Gold of Pleasure
 Shepherd's Purse
 Coralroot Bitter-cress
 Cut-leaved Bitter-cress
 -

Scientific name	Common name
<i>Crambe orientalis</i>	Oriental Kale
<i>Descurania sophia</i>	Flixweed
<i>Draba bruniifolia</i>	Brown-leaved Whitlow-grass
<i>Hesperis matronalis</i>	Dame's Violet
<i>Isatis tinctoria</i>	Woad
<i>Lepidium draba</i>	Hoary Cress
<i>Lepidium latifolium</i>	Dittander
<i>Sisymbrium loeselii</i>	False London Rocket
<i>Thlaspi arvense</i>	Field Pennywort
<i>Turritis glabra</i>	Tower Mustard
Campanulaceae	Bellflower Family
<i>Campanula armena</i>	-
<i>Campanula</i> sp.	-
<i>Campanula stevenii</i> subsp. <i>beauverdiana</i>	-
<i>Campanula tridentata</i>	-
Cannabaceae	Hop Family
<i>Celtis australis</i> subsp. <i>caucasica</i>	Caucasian Hackberry
Capparaceae	Caper Family
<i>Capparis spinosa</i>	Caper
Caprifoliaceae	Honeysuckle Family
<i>Cephalaria gigantea</i>	-
<i>Lonicera caucasica</i>	-
<i>Scabiosa micrantha</i>	-
Caryophyllaceae	Pink Family
<i>Cerastium purpurescens</i>	-
<i>Gypsophila elegans</i>	-
<i>Silene conoidea</i>	-
<i>Silene latifolia</i>	White Campion
<i>Silene ruprechtii</i>	Ruprecht's Catchfly
<i>Silene spergulifolia</i>	-
<i>Stellaria media</i>	Chickweed
<i>Telephium imperati</i> subsp. <i>orientale</i>	-
Celastraceae	Spindle Family
<i>Euonymus latifolia</i>	Broad-leaved Spindle
Compositae (Asteraceae)	Daisy Family
<i>Achillea arabica</i> (<i>A. biebersteinii</i>)	Bieberstein's Milfoil
<i>Achillea filipendulina</i> (yellow)	
<i>Achillea millefolium</i>	
<i>Amberboa moschata</i>	Sweet Sultan
<i>Artemisia absinthium</i>	Wormwood
<i>Artemisia caucasica</i>	-
<i>Artemisia fragrans</i>	-
<i>Carduus hamulosus</i>	
<i>Centaurea iberica</i>	
<i>Cirsium congestum</i>	-
<i>Cirsium echinus</i>	

Scientific name	Common name
<i>Cirsium obvallatum</i>	-
<i>Cruprina vulgaris</i>	-
<i>Cyanus cheiranthifolius</i> (<i>Centaurea c.</i> , white)	-
<i>Cyanus depressus</i> (<i>Centaurea depressa</i> , blue)	-
<i>Echinops orientalis</i>	Oriental Globe Thistle
<i>Erigeron uniflorus</i>	One-flowered Fleabane
<i>Gundelia tournefortii</i>	-
<i>Helichrysum armenium</i>	Armenian Everlasting
<i>Inula helenium</i>	Elecampane
<i>Jurinea moschus</i> subsp. <i>pinnatisecta</i>	-
<i>Leucanthemum vulgare</i>	Oxeye Daisy
<i>Onopordum acanthium</i>	Cotton Thistle
<i>Petasites albus</i>	White Butterbur
<i>Serratula coriacea</i>	-
<i>Tragopogon reticulatus</i>	-
<i>Tussilago farfara</i>	Colt's-foot
Convolvulaceae	Bindweed Family
<i>Calystegia sepium</i>	Hedge Bindweed
<i>Convolvulus arvensis</i>	Field Bindweed
Crassulaceae	Stonecrop Family
<i>Hylotelephium caucasicum</i>	-
<i>Sedum hispanicum</i>	-
<i>Sedum pallidum</i>	-
<i>Sedum telephium</i>	Orpine
Cucurbitaceae	White Bryony Family
<i>Bryonia dioica</i>	White Bryony
Elaeagnaceae	Sea-buckthorn Family
<i>Elaeagnus angustifolia</i>	Russian Olive
<i>Elaeagnus orientalis</i>	-
<i>Hippophae rhamnoides</i>	Sea-buckthorn
Ericaceae	Heather Family
<i>Rhododendron caucasicum</i>	-
Euphorbiaceae	Spurge Family
<i>Euphorbia glaberrima</i>	-
<i>Euphorbia oblongata</i>	-
Fagaceae	Beech Family
<i>Fagus orientalis</i>	Oriental Beech
<i>Quercus petraea</i> subsp. <i>iberica</i>	Georgian Oak
<i>Quercus macranthera</i>	Caucasian Oak
Gentianaceae	Gentian Family
<i>Gentiana verna</i> ssp. <i>pontica</i>	Pontic Gentian
Geraniaceae	Geranium Family
<i>Erodium absinthoides</i> subsp. <i>armenum</i>	Armenian Stork's-bill
<i>Erodium cicutarium</i>	Common Stork's-bill

Scientific name	Common name
<i>Geranium pyrenaicum</i>	Hedgerow Crane's-bill
<i>Geranium robertianum</i>	Herb Robert
<i>Geranium sanguineum</i>	Bloody Crane's-bill
<i>Geranium sylvaticum</i>	Wood Crane's-bill
Hypericaceae	St. John's-wort Family
<i>Hypericum hyssopifolium</i>	Hyssop-leaved St. John's-wort
<i>Hypericum perforatum</i>	Perforate St. John's-wort
<i>Hypericum scabrum</i>	-
Juglandaceae	Walnut Family
[<i>Juglans regia</i>]	Walnut
Lamiaceae	Deadnettle Family
<i>Ajuga chamaepitys</i> ssp. <i>chia</i>	-
<i>Ajuga orientalis</i>	Oriental Bugle
<i>Lamium album</i>	White Deadnettle
<i>Mentha suaveolens</i>	-
<i>Nepeta betonicifolia</i>	-
<i>Nepeta meyeri</i>	-
<i>Nepeta racemosa</i>	-
<i>Phlomis armeniaca</i>	-
<i>Phlomis herba-venti</i> subsp. <i>pungens</i>	-
<i>Phlomis orientalis</i>	-
<i>Phlomoides laciniata</i> (<i>Eremostachys iberica</i>)	-
<i>Prunella vulgaris</i>	Selfheal
<i>Salvia staminea</i> (<i>S. armeniaca</i>)	-
<i>Salvia hydrangea</i> (<i>S. dracocephaloides</i>)	-
<i>Salvia nemorosa</i> (<i>S. staminea</i> subsp. <i>armena</i>)	-
<i>Salvia sclarea</i>	-
<i>Salvia verticillata</i>	Whorled Clary
<i>Scutellaria orientalis</i>	Oriental Skullcap
<i>Sideritis montana</i>	-
<i>Stachys atherocalyx</i>	Atherocalyx Woundwort
<i>Stachys inflata</i>	-
<i>Stachys recta</i>	Yellow Woundwort
<i>Stachys sylvatica</i>	Hedge Woundwort
<i>Teucrium orientale</i>	Oriental Germander
<i>Teucrium polium</i>	Felty Germander
<i>Thymus</i> sp.	-
<i>Ziziphora tenuior</i>	-
Leguminosae (Fabaceae)	Pea Family
<i>Alhagi pseudalhagi</i>	Camelthorn
<i>Anthyllis vulneraria</i> subsp. <i>boissieri</i>	a Kidney Vetch
<i>Astracantha microcephala</i>	
<i>Astragalus cancellatus</i>	
<i>Astragalus cicer</i>	Wild Lentil
<i>Astragalus fragrans</i>	-
<i>Astragalus glycyphyllus</i>	Wild Liquorice
<i>Astragalus goktschaicus</i>	-
<i>Astragalus macrocephalus</i> ssp. <i>finitimus</i>	-
<i>Astragalus sevangensis</i>	-

Scientific name	Common name
<i>Glycyrrhiza glabra</i>	Liquorice
<i>Lathyrus digitatus</i> (<i>Orobus cyaneus</i>)	-
<i>Lathyrus laxiflorus</i>	-
<i>Lathyrus miniatus</i>	Scarlet Pea
<i>Lathyrus pratensis</i>	Meadow Vetchling
<i>Lathyrus roseus</i>	Pink Pea
<i>Lotus corniculatus</i>	Bird's-foot Trefoil
<i>Medicago lupulina</i>	Black Medick
<i>Medicago minima</i>	-
<i>Medicago sativa</i>	Lucerne
<i>Melilotus altissimus</i>	Tall Melilot
<i>Onobrychis arenaria</i>	-
<i>Onobrychis michauxii</i>	-
<i>Onobrychis radiata</i>	-
<i>Onobrychis transcaucasica</i>	-
[<i>Robinia pseudacacia</i>]	False Acacia
<i>Securigera varia</i>	Crown Vetch
<i>Sphaerophysa salsula</i>	Red Bladder-vetch
<i>Sophora alopecuroides</i>	Sophora
<i>Trifolium canescens</i>	-
<i>Trifolium hybridum</i>	Alsike Clover
<i>Trifolium medium</i>	Zig-zag Clover
<i>Trifolium pratense</i>	Red Clover
<i>Trifolium repens</i>	White Clover
<i>Vicia balansae</i>	Balan's Vetch
<i>Vicia cracca</i>	Tufted Vetch
<i>Vicia sepium</i>	Bush Vetch
<i>Vicia tenuifolia</i> ssp. <i>variabilis</i>	Variable Vetch
Linaceae	Flax Family
<i>Linum orientale</i>	-
Malvaceae	Mallow Family
<i>Alcea rugosa</i>	a Hollyhock
<i>Malva neglecta</i>	Dwarf Mallow
Nitrariaceae	Peganum Family
<i>Peganum harmala</i>	Syrian Rue
Oleaceae	Olive Family
<i>Fraxinus excelsior</i>	Ash
<i>Fraxinus angustifolia</i> (<i>F. rotundifolia</i>)	-
Orobanchaceae	Broomrape Family
<i>Euphrasia caucasica</i>	Caucasian Eye-bright
<i>Melampyrum chlorostachyum</i>	
<i>Orobanche ramosa</i>	Branched Broomrape
<i>Pedicularis armena</i>	Armenian Lousewort
<i>Pedicularis condensata</i>	Condensed Lousewort
<i>Pedicularis sibthorpii</i>	Sibthorp's Lousewort
<i>Rhinanthus minor</i> agg.	Rattle
<i>Rhynchocorys orientalis</i>	-

Scientific name**Common name****Papaveraceae****Poppy Family**

Chelidonium majus
Fumaria parviflora
Glaucium corniculatum
Papaver arenarium
Papaver fugax
Papaver macrostomum
Papaver orientale
Papaver persica
Papaver rhoeas (*P. commutatum*)

Greater Celandine
 Small-flowered Fumitory
 -
 Purple Sand Poppy
 -
 -
 -
 Persian Poppy
 Common Poppy

Plantaginaceae**Plantain Family**

Linaria grandiflora
Plantago major
Veronica austriaca
Veronica beccabunga
Veronica chamaedrys
Veronica gentianoides
Veronica multifida
Veronica persica

-
 Greater Plantain
 -
 Brooklime
 Germander Speedwell
 Gentian-like Speedwell
 Many-lobed Speedwell
 Common Field Speedwell

Polygalaceae**Milkwort Family**

Polygala alpicola
Polygala anatolica

-
 -

Polygonaceae**Knotweed Family**

Persicaria bistorta
Persicaria hydropiper
Persicaria maculata
Polygonum cognatum (*P. alpestre*)
Rumex acetosa
Rumex crispus
Rumex scutatus

Bistort
 Water-pepper
 Redshank
 Alpine Knotgrass
 Sorrel
 Curled Dock
 French Sorrel

Primulaceae**Primrose Family**

Glaux maritima
Primula veris subsp. *macrocalyx*

Sea Milkwort
 -

Ranunculaceae**Buttercup Family**

Aconitum sp
Actaea spicata
Caltha palustris (*C. polypetala*)
Consolida divaricata
Consolida orientalis
Pulsatilla albana
Ranunculus acris
Ranunculus sceleratus
Thalictrum minus
Trollius ranunculinus (*T. patulus*)

Baneberry
 Marsh Marigold
 -
 Oriental Larkspur
 a Pasqueflower
 Meadow Buttercup
 Celery-leaved Buttercup
 Lesser Meadow-rue
 a Globeflower

Resedaceae**Mignonette Family**

Reseda lutea

Mignonette

Scientific name	Common name
Rhamnaceae	Buckthorn Family
<i>Rhamnus pallasii</i>	-
Rosaceae	Rose Family
<i>Alchemilla</i> sp.	a Lady's-mantle
<i>Cotoneaster</i> sp.	-
<i>Crataegus orientalis</i>	Oriental Hawthorn
<i>Fragaria vesca</i>	Wild Strawberry
<i>Geum urbanum</i>	Wood Avens
<i>Potentilla anserina</i>	Silverweed
<i>Potentilla crantzii</i>	Alpine Cinquefoil
<i>Potentilla hirta</i>	Hairy Cinquefoil
<i>Potentilla recta</i>	Sulphur Cinquefoil
<i>Poterum sanguisorba</i> subsp. <i>balearicum</i>	Fodder Burnet
<i>Prunus avium</i>	Wild Cherry
<i>Prunus fenzliana</i> (<i>Amygdalus fenzliana</i>)	-
<i>Prunus padus</i>	Bird Cherry
<i>Pyrus caucasica</i>	Caucasian Pear
<i>Pyrus salicifolia</i>	Willow-leaved Pear
<i>Rosa pimpinellifolia</i>	Burnet Rose
<i>Rubus idaeus</i>	Raspberry
<i>Sibbaldia parviflora</i>	Sibbaldia
<i>Sorbus aucuparia</i>	Rowan or Mountain Ash
<i>Spiraea hypericifolia</i>	-
Rubiaceae	Bedstraw Family
<i>Cruciata laevipes</i>	Crosswort
<i>Galium aparine</i>	Cleavers
<i>Galium odoratum</i>	Woodruff
<i>Galium</i> c.f. <i>verum</i>	Lady's Bedstraw
Salicaceae	Willow Family
<i>Salix caprea</i>	Goat Willow
<i>Salix pentandra</i>	Bay Willow
Sapindaceae	Maple Family
<i>Acer campestre</i>	Field Maple
<i>Acer monspessulanum</i> subsp. <i>ibericum</i>	-
<i>Acer platanoides</i>	Norway Maple
<i>Acer pseudoplatanus</i>	Sycamore
<i>Acer heldreichii</i> subsp. <i>trautvetteri</i>	Trautvetter's Maple
Saxifragaceae	
<i>Saxifraga cymbalaria</i>	
Scrophulariaceae	Figwort Family
<i>Scrophularia ilvensis</i>	Ilven Figwort
<i>Scrophularia rupestris</i>	-
<i>Verbascum speciosum</i>	-
Simaroubaceae	Tree of Heaven Family
<i>Ailanthus altissimus</i> (<i>A. montana</i>)	Tree of Heaven

Scientific name**Common name****Solanaceae***Hyoscyamus nigra***Nightshade Family**

Henbane

Tamaricaceae*Tamarix ramosissima***Tamarisk Family**

Branched Tamarisk

Thymelaeaceae*Daphne glomerata***Mezereon Family**

-

Ulmaceae*Zelkova carpinifolia* (*Ulmus carpinifolia*)**Elm family**

Caucasian Elm

Urticaceae*Parietaria elliptica**Parietaria judaica**Urtica dioica* subsp. *dioica***Nettle Family**

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Pellitory-of-the-Wall

Common Nettle

Valerianaceae*Valeriana alliariifolia**Valeriana leucophaea**Valeriana officinalis**Valeriana tilliifolia***Valerian Family**

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Common Valerian

Zygophyllaceae*Zygophyllum fabago***Zygophyllum Family**

Syrian Bean-caper

Monocots**Monocotyledons****Amaryllidaceae***Allium cardiostemon**Allium tripedale* (*Nectaroscordum tripedale*)**Daffodil Family**

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Araceae*Arum* sp.**Lords-and-Ladies Family**

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Asparagaceae*Bellevalia paradoxa* (*P. pycnantha*)*Leopoldia caucasica* (*Muscari caucasicum*)*Leopoldia tenuiflorum**Muscari neglectum**Ornithogalum balansae**Ornithogalum hajastanum**Puschkinia scilloides**Scilla siberica* subsp. *armena***Asparagus Family**

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Leopoldia

Grape Hyacinth

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Armenian Star-of-Bethlehem

Puschkinia

Armenian Squill

Colchicaceae*Colchicum szovitsii* (*Colchicum bifolium*)**Colchicum Family**

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Cyperaceae*Bolboschoenus maritimus**Carex divulsa**Carex pallescens**Carex spicata***Sedge Family**

Sea Clubrush

Grey Sedge

Pale Sedge

Spiked Sedge

Scientific name

Carex sylvatica
Scirpoides holoschoenus

Iridaceae

Gladiolus caucasicus

Liliaceae

Gagea glacialis
Lilium armenum

Melanthiaceae

Veratrum lobelianum

Orchidaceae

Anacaamptis pseudolaxiflora
Cephalanthera damasonium
Cephalanthera rubra
Dactylorhiza viridis
Dactylorhiza euxina
Dactylorhiza umbrosa (D. sanasunitensis)
Dactylorhiza urvilleana
Neottia nidus-avis
Orchis mascula
Platanthera chlorantha

Poaceae

Alopecurus pratensis
Anisantha tectorum
Cynodon dactylon
Hordeum bulbosum
Hordeum murinum
Phragmites australis
Poa bulbosa var. *vivipara*
Puccinellia distans
Stipa pulcherrima

Typhaceae

Typha latifolia

Common name

Wood Sedge
 Round-headed Clubrush

Iris Family
 Caucasian Gladiolus

Lily Family

Glacier Yellow Star-of-Bethlehem
 Armenian Lily

Herb-Paris Family

Green False-helleborine

Orchid Family

White Helleborine
 Red Helleborine
 Frog Orchid
 a Marsh Orchid
 -
 -
 Bird's-nest Orchid
 Early Purple Orchid
 Greater Butterfly Orchid

Grass Family

Meadow Foxtail
 Drooping Brome
 Bermuda Grass
 -
 Wall Barley
 Common Reed
 Viviparous Bulbous Meadow-grass
 Reflexed Salt-marsh Grass
 a Feather-grass

Bulrush Family

Bulrush