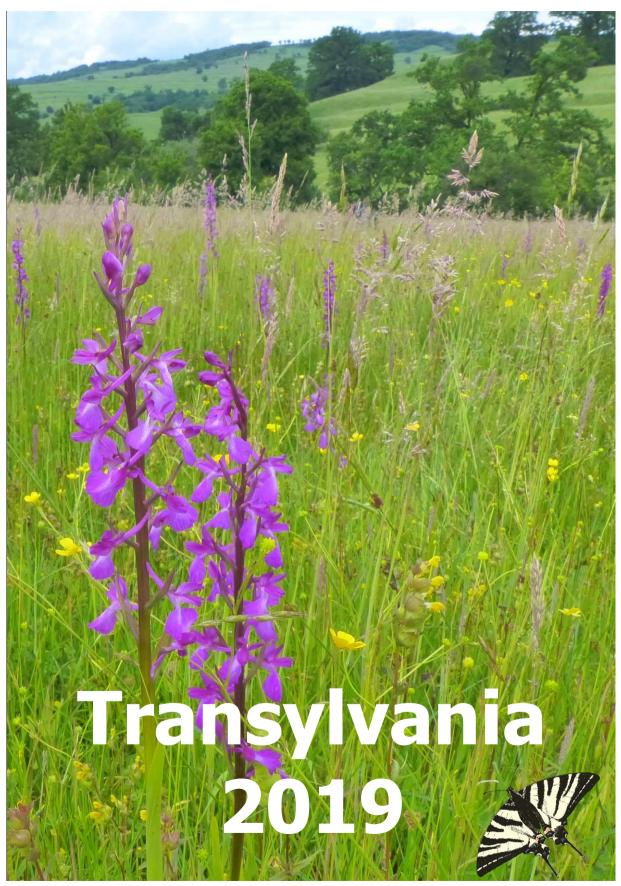
WILDLIFE TRAVEL



#	DATE	LOCATIONS AND NOTES
1	3 June	Flew from the UK to Bucharest and drove to the village of Măgura.
2	4 June	During the morning we explored the Zărneşti Gorge before heading back to Măgura to explore its meadows and roadsides.
3	5 June	We visited Sinaia and took the cable car to around 2,000m in the Bucegi Mountains. We took a walk through the woodlands surrounding the Peles Castle, before heading for the forest to visit a hide to watch Brown Bears.
4	6 June	Following breakfast we said goodbye to Măgura and headed north. We visited the Dumbravita wetlands and a meadow near Fişer, before heading to the village of Crit; our home for the remainder of the trip.
5	7 June	We headed northwest towards Sighişoara and south on to Apold, followed by a visit to the Breite and the historic citadel of Sighişoara.
6	8 June	We set out towards the nearby village of Viscri to visit its fortified church before an exploration of some nearby hay meadows. We then paid a visit to the village of Meşendorf to visit its fortified church and another hay meadow.
7	9 June	We started our day with a visit to the Mercheaşa wood-pasture before heading back to Crit.
8	10 June	Following breakfast we spent some time in the city of Braşov before heading on to Bucharest and our flights back home.



Above - Apold. Front cover - Lax-flowered Orchids *Anacamptis laxiflora* near Fişer

LIST OF TRAVELLERS

Leaders

Laurie Jackson Sarah Lambert

Guides

Calin Hodor Oana Danci Dan

Day One: 3 June. Arrival in Bucharest and transfer to Măgura.

Following our flight from London to an overcast but warm Bucharest, we met up with our driver Mircea and started our journey north. Perhaps a little uninspiring at first with the flat farmland surrounding Bucharest, but this soon gave way to the rugged, tree-lined Southern Carpathians (Transylvanian Alps).

A quick stop to stretch our legs and we found several interesting plants at the roadside services to kickstart our week, including vibrant Meadow Clary *Salvia* pratensis, Common Gromwell *Lithospermum officinale*, the leaves of Field Eryngo *Eryngium campestre* and the frothy flowers of Dropwort *Filipendula vulgaris*.

As we made our final ascent to the village of Măgura, nestled some 1,000m up amongst the mountains of Piatra Craiului National Park, the fading light and descending mist closed in, obscuring some fantastic views. Our first traditional Romanian dinner was accompanied by Palincă, a traditional plum brandy, setting us up for a good night's sleep.

Day Two: 4 June. Zărneşti Gorge and Măgura.

We awoke to a drizzly morning, however this did nothing to curb the activity of busy House Martins, Swallows, Common and Black Redstarts, with hungry and demanding mouths to feed. The calls of a Cuckoo reverberated around the valley as Fieldfares did their best to hide in trees and bushes.

We took the short drive down the mountain from Măgura to meet Dan who was waiting to meet us for an exploration of Zărneşti Gorge. The rain this morning must be described as determined, but so were we as we set off along the gorge to look for plants. Dusky Crane's-bill *Geranium phaeum* was common, along with Large Red Dead-nettle *Lamium garganicum*, Yellow Archangel *Lamium galeobdolon*, Wood Stitchwort *Stellaria nemorum* and Water Avens *Geum rivale*.

We spotted a Fire Salamander as it clambered around a pile of rocks, and the ensuing photo call allowed the Agile Frog also using the area to beat a hasty retreat. Cheerful splashes of yellow were occasionally offered by Carpathian Leopard's-bane *Doronicum carpaticum*. Red Lungwort *Pulmonaria rubra* and Tuberous Comfrey *Symphytum tuberosum* were occasionally spotted, along with Alpine Clematis *Clematis alpina* adorned with beautiful blue flowers, and Yellow Wood Violet *Viola biflora*. Among rocky patches we found patches of Alpine Bells *Primula matthioli*.

The cool and damp day did nothing to encourage butterflies into the skies, however we did spot a couple of their tougher cousins, with the moths Speckled Yellow, Barred Hook-tip and Dark Brocade being found, along with several impressively large Roman Snails, and a colourful Golden Ground Beetle.

On the rocks we found a trio of spleenworts: *Asplenium cuneifolium*, Maidenhair Spleenwort *Asplenium trichomanes* and the similar Green Spleenwort *Asplenium viride*, given away by its green stipes and rachides. Spoon-leaved Saxifrage *Saxifraga cuneifolia*, Wedgeleaf Saxifrage *Saxifraga adscendens* and the small figwort *Scrophularia heterophylla* made their homes in among the crevices.

High up on the towering limestone walls we found a small party of five Balkan Chamois, effortlessly moving along the sparsely vegetated upper reaches of the gorge. The gorge had one final treat in store for us, as we found a pair of Wallcreepers; flashes of black, white and red as they tended to a nest high up in the gorge.

After lunch while some of the group headed to nearby Bran Castle, the remainder took some time to explore the meadows and verges of Măgura. Under increasingly darkening skies we found a good range of species, many of which would become familiar sights, such as Hoary Plantain *Plantago media*, Spreading Bellflower *Campanula patula*, Arrow-jointed Broom *Genista sagittalis* and Common Milkwort *Polygala vulgaris*. These were joined by the small nodding heads of Blue Fleabane *Erigeron acris*, Fox-and-cubs *Pilosella aurantiaca*, Wild Liquorice *Astragalus glycyphyllos*, Eastern Goat's-beard *Tragopogon orientalis* and Cream Scabious *Scabiosa ochroleuca*. The striking Carthusian Pink *Dianthus carthusianorum* was starting to flower in the meadows, alongside the equally colourful Sticky Catchfly *Viscaria vulgaris* and the less showy Nottingham Catchfly *Silene nutans*.

Large Yellow Foxglove *Digitalis grandiflora* was just beginning to flower while only the leaves of the autumn-flowering Meadow Saffron *Colchicum autumnale* were visible. Green-winged Orchids *Anacamptis morio* were spotted along with a patch of Western Marsh Orchid *Dactylorhiza majalis*, and the first Marsh Fragrant Orchids *Gymnadenia conopsea* were starting to flower high up on a slope where Globeflower *Trollius europaeus* also grew. The sound of thunder echoing around the valley along with the persistent rain finally encouraged us it was time to head back to our accommodation.



From top - Water Avens *Geum rivale*; Yellow Wood Violet *Viola biflora*; Alpine Clematis *Clematis alpina*; Carthusian Pink *Dianthus carthusianorum*.

Day Three: 5 June. Bucegi Mountains, Sinaia and bear hide.

We set off under a clearer sky south towards the resort town of Sinaia, where we met up with Calin and set off in the cable car, which took us high above the wooded mountainside. The first cable car took us to 1,400m, and on boarding the second we could see the leaves of White False Helleborine *Veratrum album* and the ruffled pink flowers of Alpenrose *Rhododendron ferrugineum* below as we neared the cable car station at 2,000m.

Unfortunately the weather was not on our side and despite valiant efforts we managed just a handful of alpine plants before dense fog, driving rain and cold temperatures directed us back to the cable car station and a welcome cup of coffee. We managed to find Trailing Azalea *Kalmia procumbens*, Least Primrose *Primula minima*, Golden Cinquefoil *Potentilla aurea* and Alpine Pasqueflower *Pulsatilla scherfelii*, while a Water Pipit optimistically sang out into the fog.

After lunch in the cable car station we reverted to Plan B and took a walk through the sheltered woodland around the Peles Castle. Our first find was a large patch of the equally washed-out Toothwort *Lathraea squamaria* and Bird's-nest Orchid *Neottia nidus-avis*. Tall spikes of Nettle-leaved Speedwell *Veronica urticifolia* were joined by Yellow Anemone *Anemonoides ranunculoides*, Sanicle *Sanicula europaea*, and a couple of plants of Herb-Paris *Paris quadrifolia*. We found a pair of interesting brassicas with the round black bulbils of Coralroot Bittercress *Cardamine bulbifera*, and Narrow-leaved Bittercress *Cardamine impatiens*. A ditch was full of Alpine Newts, and birds singing included Blackcap, Robin, and high in the canopy, Collared Flycatcher.

Reaching Peles Castle just ahead of more heavy rain it was time to head for our last appointment of the day. We headed north, back in the direction of Braşov and on towards Predeal. Following a lift deep into the woods in a four-wheel drive, and after spotting a small patch of One-flowered Wintergreen *Moneses uniflora* we struck off through the trees towards a bear hide, the song of Firecrest and Goldcrest accompanying us as we walked. Unmistakeably large footprints in muddy patches told us we were getting close as we made a final ascent into the trees.

On reaching the hide, the bears had beaten us to it, and a group were already feeding in a small clearing. The bears are provided with food in the wood to draw them away from nearby urban areas such as Braşov, in an effort to avoid conflict. There are an estimated 6,000 bears in the Carpathians and we were lucky to see a range of ages from immature bears to large adults, some with mottled patches on their fur. With camera memory cards comfortably full, we set off back to Magura in the fading light.

Day Four: 6 June. Dumbravita and Fiser.

Following breakfast it was time to bid farewell to our host Adriana in Măgura and head northwards away from the Carpathians and on to a landscape of rolling hills, valleys, meadows and woodlands. Our first stop was the wetlands of the Dumbravita Fishing Complex, a Special Protection Area and Ramsar site, which has found a compromise between an active fishery and bird conservation.

Passing between two of the lagoons there was a cacophony of warbler song. The loud and clunky clamour of Great Reed Warbler almost drowned out the stuttering mimicry of Marsh Warbler and the jumble of Sedge Warbler, and several of these oversized warblers could be seen blasting out their songs. More reserved were the Savi's Warblers, quietly reeling low in the vegetation. We found a Penduline Tit nest close to the path, and with some patience had fleeting views as the adult birds bustled around.

The weather was still mixed, although a marked improvement on our first few days, which helped us improve our tally of invertebrates. A White-tailed Skimmer was the largest of several species of Odonata, and a lovely fresh Red-tipped Clearwing was spotted resting in vegetation. We also spotted the tell-tale feeding signs of Beavers, and some of the group saw a Striped Field Mouse before it disappeared into the vegetation.

The site is important for herons and we spotted plenty of Night Herons, along with Great Egret, Little Egret, Squacco Heron and Grey Heron. Whiskered Terns called noisily as they patrolled the waters, and

were joined by Black Terns and a solitary Sandwich Tern (an uncommon species here). Marsh Harriers patrolled the vegetation, and we spotted several Pygmy Cormorants; this is the only breeding colony of this species in Transylvania.

There were plenty of interesting plants to be found including Swallow-wort *Vincetoxicum hirundinaria* and Brown Knapweed *Centaurea jacea*, as well as a good selection of legumes, including the large pink Ruddy Clover *Trifolium rubens*, Hungarian Clover *Trifolium pannonicum* and Hare's-foot Clover *Trifolium arvense*.

Along with an occasional shower, the sun also put in an appearance, encouraging butterflies into the air and an increasingly loud chorus from the Marsh Frogs. We found a selection of butterflies here including Large Copper, Woodland Ringlet and Knapweed Fritillary, alongside the Black-veined White Moth.

Driving a little further we stopped to explore a meadow near the village of Fişer. Typical flowers such as Field Scabious *Knautia arvensis*, Ragged-Robin *Silene flos-cuculi* and Selfheal *Prunella vulgaris* were found here alongside the 'easy to miss' Grass Vetchling *Lathyrus nissolia* and the gloriously velvety Downy Woundwort *Stachys germanica*. The meadow was alive with crickets and grasshoppers, including the impressively large Wart-biter. A large patch of Bug Orchid *Anacamptis coriophora* was soon overshadowed by a colony of the striking tall and dark Lax-flowered Orchid *Anacamptis laxiflora*.

Finally we continued on for the final stretch of our journey to the village of Crit, where we were greeted by our hosts Tibi and Mihaela who showed us to our rooms in the carefully restored Saxon houses of Casa cu Zorele before a welcome introduction to Mihaela's superb cooking.







From left - Bug Orchid Anacamptis coriophora; Red-tipped Clearwing; Sticky Catchfly Viscaria vulgaris.

Day Five: 7 June. Apold, Breite and Sighişoara.

A longer journey today north-west towards the city of Sighişoara gave us a chance to become familiar with the settlements and landscape of the area, with its pattern of hay meadows and arable land in the valleys, alongside small plantations used for building Saxon houses (more on the cultural history of the area and the Sustainable Landscapes in Central Romania project https://peisajesustenabile.wordpress.com/).

Our first stop was outside the village of Apold, where we were greeted by the sight of some interesting steep tumps; geological formations that hold areas of steppe vegetation. The grassland here held more interesting plants including Tassel Hyacinth *Leopoldia comosa*, Hungarian Vetch *Vicia pannonica*, *Ornithogalum amphibolum* and Cushion Spurge *Euphorbia epithymoides*. Yellowhammers and Tree Pipits were in fine song, along with Corncrake calling and a reeling Grasshopper Warbler on the other side of the road. As we walked, we sent a couple of Brown Hares galloping ahead of us, and Green Hairstreak, Blackveined White and Heath Fritillary joined Chimney Sweeper moths, and the ubiquitous Painted Ladies visiting the flowers.

The tumps themselves were covered in a purple haze, provided by Nodding Sage *Salvia nutans* and Meadow Clary, amongst which we found Jurinea *Jurinea mollis*, Yellow Woundwort *Stachys recta*, a small patch of Yellow Flax *Linum flavum* and French Meadow-rue *Thalictrum aquilegiifolium*. A series of puddles by the entrance to the meadow held a population of Yellow-bellied Toads that hung motionless in the water, reserving the right to burrow into the mud if they felt threatened.

Continuing on our way, a mass of Eastern Larkspur *Delphinium hispanicum* provided a fantastic photo opportunity as we passed, before we had fleeting views of a Little Owl in Apold village. We headed to the Breite, a wood-pasture occupying around 70 hectares just outside of Sighişoara, and home to hundreds of ancient oaks. Saved from various mad development ideas, including a Dracula theme park, the Breite is still threatened by overgrazing with livestock, and the growth of Hornbeam that threatens the survival and regeneration of the oaks.

Walking among the ancient oaks we could hear hoopoes and woodpeckers calling, although setting eyes on them proved more difficult! Scrambling yellow-flowered Creeping Jenny *Lysimachia nummularia* and Yellow Pimpernel *Lysimachia nemorum* were spotted as the odd Sand Lizard darted between rush tussocks. A tangled mass of Great Dodder *Cuscuta europaea* was spotted using and abusing a patch of Common Nettle *Urtica dioica* and we added Small Pearl-bordered Fritillary to our butterfly tally here, along with the beautiful Hornet Robberfly.

As we returned to the bus a very obliging Black Woodpecker was busily hammering the ground with its impressive beak, joining Grey-headed, Green, Great Spotted, Syrian and Middle-spotted Woodpeckers on the list. We stopped on our return leg for a visit to the beautiful walled citadel of Sighişoara for some time to explore its cobbled streets, towers, churches and coffee shops as we wished.

Day Six: 8 June. Viscri and Meşendorf.

We set out south for the nearby village of Viscri, a well-preserved village that has benefited from much restoration of the historic Saxon houses by the Mihai Eminescu Trust. We took a walk through the cobbled streets admiring the colourful Saxon houses, each with its own pear tree out front. Passing by a large White Stork nest with a gang of House Sparrows squatting in its lower reaches, we struck upwards towards the fortified church. We had some time here to explore the church and hear more about Saxon culture, including the carefully arranged seating structure in the churches, before the ringing of the bells heralded the christening of one of Viscri's less than 20 remaining Saxon inhabitants.

Just outside Viscri we stopped again to explore a large swathe of meadows, taking a little time to appreciate a large aggregation of blue butterflies by our parking place. A Reed Warbler sang from the side lines, and the 'quip' calls of Quail and the jangle of Corn Bunting drifted around us as we walked. Along with some now familiar species we found Fairy Flax *Linum catharticum*, Pignut *Conopodium majus*, the 'three dimensional' leaves of Wooly Thistle *Cirsium eriophorum*, and a small patch of Brown Nonea *Pulla* We also spotted a couple of hemi-parasites, with Field Cow-wheat *Melampyrum arvense* and Thyme

Broomrape *Orobanche alba* quietly extracting nutrition from neighbouring plants, along with the bright blooms of Gallic Rose *Rosa gallica*.

We tried to get our heads round an array of blue butterflies, including Amanda's Blue, Mazarine Blue, Silver-studded Blue and Adonis Blue, and also found the attractive Spotted Sulphur moth. A pair of Lesser Spotted Eagles clashed talons as they passed by.

Continuing onwards, we stopped in at Meşendorf to visit its Saxon church. In shady areas the ground was dotted with seemingly innocuous small pits, which housed a healthy colony of Ant-lions. Close relatives of the lacewings, the predatory larvae of these invertebrates lurk in these pits waiting for insects such as ants to blunder into their traps. Sweet William *Dianthus barbatus* was spotted in the grounds along with the full life cycle of the Firebug.

Our final stop was to visit some meadows on the road between Meşendorf and Crit. Both Whinchat and Woodlark were singing from wires, and the rising temperature had encouraged White Storks, Lesser Spotted Eagles and Common Buzzards into the air; the latter two clashing briefly before the buzzard drifted away. In the meadow the upright Large Milkwort *Polygala major* was added to our list, along with a worn Osiris Blue. More Yellow-bellied Toads could be spotted in water-filled ruts, and a Grass Snake slinked off as we closed in.







From left - Adonis Blue; Large Milkwort Polygala major, Yellow-bellied Toad.

Day Seven: 9 June. Mercheaşa and Crit.

For our last day in Transylvania we headed to Mercheaşa to explore another area of wood-pasture (more about the Remarkable Trees of Romania https://arboriremarcabili.ro/en/about-project/), where over 1,500 ancient oaks can be found in around 1,200 hectares grazed extensively by cattle and buffalo. In the grassland were a number of now familiar species including Bug Orchid and Arrow-jointed Broom, along with Yellow Wood-sorrel *Oxalis stricta*, Great Burnet *Sanguisorba officinalis*, Smith's Pepperwort *Lepidium heterophyllum*, Dyer's Greenweed *Genista tinctoria* and Heath Grass *Danthonia decumbens*.

In front of a spectacular ancient oak, one of the oldest in the park, ephemeral pools were being patrolled by a Broad-bodied Chaser. Sending Yellow-bellied Toads diving for cover, we carefully fished out one of the pool's other inhabitants: a Tadpole Shrimp! These fascinating crustaceans are among the most ancient animal species known in the world, and are adapted to these transient waterbodies that dry up in the summer with resilient eggs that can withstand decades of desiccation. We had a glimpse of a Middle-spotted Woodpecker as we headed for the shade of a veteran oak for lunch.

Returning to Crit, we had an unfruitful trip to Saschiz, aside from adding Stock Dove to our list and having great views of a Serin whole-heartedly singing his jangling song. Back in Crit and several of us took to the meadows behind the village where we were rewarded with several new species including the striking purple and yellow *Melampyrum bihariense*, Common Broomrape *Orobanche minor*, Whorled Clary *Salvia verticililata*, and the understated flowers of Crow Garlic *Allium vineale*. We also found more Downy Woundwort and Large Milkwort, along with a patch of Honeywort *Cerinthe minor* nestled at the base of a patch of scrub. We spotted a number of interesting invertebrates here, including Black Hairstreak, a large assassin bug *Rhynocoris cuspidatus*, and several Napoleon Spiders ambushing Honeybees on scabious flowers. A group of Hawfinches bustled overhead calling noisily as we started our way back to the village.

Day Eight: 10 June. Braşov, Bucharest and return to the UK.

Following breakfast it was time to begin our return journey. We stopped along the way for a short visit to explore the city of Braşov. One final stop at a service station provided several new plants including the vibrant blue Italian Bugloss *Anchusa azurea* alongside Bur Forget-me-not *Lappula squarrosa*, Sulphur Cinquefoil *Potentilla recta* and Dense-flowered Mullein *Verbascum densiflorum*. A Skylark rose high into the air in his song flight, whilst Crested Larks patrolled the car park, and several smart-looking Black-headed Yellow Wagtails moved through the fields. It was then just a short drive back to the airport, where we said goodbye to Mircea before making our onward journey back to London.

Thank you to the travellers for joining us in Romania, to our local guides Calin, Dan and Oana, our driver Mircea, and to Sarah for all her help as assistant leader.

Laurie Jackson, Wildlife Travel. June 2019.



From top - Black Hairstreak; Fire Salamander; Tadpole Shrimp; Chestnut Heath; Brown Bear.

TRANSYLVANIA 2019: some highlights

Selected Plant Species

Some plant species do not have English names and English names do vary according to author. A common name is given as a guide to help those who are not familiar with the scientific name. If the name is in brackets it is a general name for the group to which the species belongs. The **Scientific name** consists of the **Genus** (the first name starting with a capital) and the **species** (the second name, without a capital). Families are in alphabetical order (not in the order found in many plant books – which now changes frequently as the systematic order of families is changing rapidly due to clarification by genetic research). The English name of a family member is also given so you can relate the family to plants you may know. Some species have recently been transferred to different families and the names of species also change occasionally. Orchid names are always problematic as many people split them into a number of species. For families and species, the list follows the (up to date as much as possible) Plant List (Kew) and INPI classification (although for orchids, popular names are sometimes also given).

SCIENTIFIC NAME	ENGLISH NAME	NOTES
FERNS	ENGLISH WITE	110123
Aspleniaceae (Spleenwort F	amily)	
Asplenium adiantum-nigrum	Black Spleenwort	several places
Asplenium cuneifolium	a spleenwort	Zărnești Gorge
Asplenium ruta-muraria	Wall-rue	Sinaia, Sighişoara walls
Asplenium trichomanes	Maidenhair Spleenwort	Zărneşti Gorge, Sighişoara walls
Asplenium viride	Green Spleenwort	Zărneşti Gorge - green stipes and
, , , , , , , , , , , , , , , , , , ,	этээн эрлээннэгэ	rachides
Cystopteridaceae		
Gymnocarpium robertianum	Limestone Fern	Zărneşti Gorge - the 'three-step'
,		fern
Pteridaceae (Maidenhair Fe	rn Family)	
Athyrium filix-femina	Lady Fern	Magura - by stream
Dryopteris filix-mas	Male Fern	Magura - by stream
GYMNOSPERMS		
Cupressaceae (Juniper Fam	ily)	
Juniperus communis	Juniper	Magura
Pinaceae (Pine Family)		
Abies alba	White Fir	Bucegi Mountains
Picea abies	Norway Spruce	widespread in mountains
ANGIOSPERMS: DICOTYLED	DONS	
Adoxaceae (Moschatel Fami	ily)	
Sambucus ebulus	Dwarf Elder	Zărnești Gorge
Sambucus nigra	Elder	widespread
Amaranthaceae (Amaranth	Family)	
Atriplex sp.	an orach	Dumbravitsa
Apiaceae (Carrot Family)		
Aegopodium podagraria	Ground Elder	several places
Angelica sylvestris	Wild Angelica	Sinaia
Anthriscus sylvestris	Cow Parsley	widespread
Chaerophyllum aromaticum	Broad-leaved Chervil	several places including Sighişoar
		cemetery
Chaerophyllum hirsutum	Hairy Chervil	Zărnești Gorge - the pink-flowere
		species
Conium maculatum	Hemlock	Dumbravitsa, Meşendorf
Conopodium majus	Pignut	Viscri
Daucus carota	Wild Carrot	returning to Bucharest
Eryngium campestre	Field Eryngo	on the way to the Carpathians,
-		Mercheaşa
Falcaria vulgaris	Sickleweed	Apold, Viscri
Ferulago sylvatica	a fennel	Dumbravitsa - yellow flowers
Oenanthe cf peucedanifolia	a water-dropwort	Mercheasa

SCIENTIFIC NAME	ENGLISH NAME	NOTES
Sanicula europaea	Sanicle	Sinaia
Apocynaceae (Birthwort Fa	mily)	
Vincetoxicum hirundinaria	Swallow-wort	Dumbravitsa
Araliaceae (Ivy Family)		
Hedera helix	Ivy	widespread
Asteraceae (Daisy Family)		
Achillea millefolium	Yarrow	widespread
Arctium lappa	Greater Burdock	widespread
Artemisia vulgaris	Common Mugwort	Apold
Bellis perennis	Daisy	widespread
Bidens tripartita	Trifid Bur-marigold	Viscri village
Carduus crispus	Welted Thistle	Dumbravitsa
Centaurea cyanus	Cornflower	several places
Centaurea jacea	Brown Knapweed	Dumbravitsa
Centaurea scabiosa ssp. apiculata	Greater Knapweed	Magura (in bud)
Cichorium intybus	Chicory	widespread
Cirsium arvense	Creeping Thistle	returning to Bucharest
Cirsium eriophorum	Woolly Thistle	Viscri
Cirsium palustre	Marsh Thistle	Sinaia
Cirsium rivulare	Brook Thistle	Dumbravitsa
Crepis biennis	Rough Hawksbeard	Viscri churchyard
Doronicum carpaticum	Carpathian Leopard's-bane	Zărnești Gorge
Erigeron acris	Blue Fleabane	Magura, Viscri
Erigeron annuus	Annual Fleabane	several places
Filago vulgaris	Common Cudweed	Magura
Hypochaeris radicata	Common Cat's-ear	Mercheaşa
Jurinea mollis	Jurinea	Apold
Leucanthemum vulgare	Oxeye Daisy	widespread
Matricaria discoidea	Pineappleweed	widespread in villages
Matricaria chamomilla	Scented Mayweed	Crit
Mycelis muralis	Wall Lettuce	Zărnești Gorge
Onopordum acanthium	Cotton Thistle	several places
Pentanema hirtum	an elecampane	Dumbrovitsa - one plant, in bu
Petasites hybridus	Butterbur	widespread
Petasites japonicus	Giant Butterbur	widespread
Petasites albus	White Butterbur	near Predeal
Pilosella aurantiaca Pilosella officinarum agg.	Fox-and-cubs Mouse-ear Hawkweed	Magura Mercheasa
Senecio erucifolius		Apold
Serratula spp.	Hoary Ragwort a saw-wort	Magura - leaves only
Solidago canadensis	Canadian Goldenrod	Apold
Tragopogon orientalis	Eastern Goat's-beard	Magura
Tragopogon pratensis	Goat's-beard	Apold
Tussilago farfara	Colt's-foot	Magura
Betulaceae (Birch Family)		i magara
Alnus glutinosa	Alder	Magura
Betula pendula	Silver Birch	Magura
Carpinus orientalis	Eastern Hornbeam	Magura
Corylus avellana	Hazel	Zărneşti Gorge
Boraginaceae (Borage Fam		
Anchusa azurea	Italian Bugloss	returning to Bucharest
Cerinthe minor	Honeywort	Apold, Crit
Cynoglossum officinale	Hound's-tongue	Sinaia
Echium vulgare	Viper's Bugloss	Magura

SCIENTIFIC NAME	ENGLISH NAME	NOTES
Lappula squarrosa	Bur Forget-me-not	returning to Bucharest
Lithospermum officinale	Common Gromwell	on way to Carpathians
Myosotis arvensis	Field Forget-me-not	several places
Myosotis scorpioides	Water Forget-me-not	Magura, Meşendorf
Nonea pulla	Brown Nonea	Viscri
Pulmonaria rubra	Red Lungwort	Zărnești Gorge
Symphytum officinale	Common Comfrey	several places
Symphytum tanaicense	a comfrey	Sinaia
Symphytum tuberosum	Tuberous Comfrey	Zărneşti Gorge
Brassicaceae (Cabbage Fam		Circ - i-
Alliaria petiolata	Hedge Garlic	Sinaia
Alyssum alyssoides	Pale Madwort	Magura
Armoracia rusticana	Horseradish	Magura
Barbarea stricta	Small-flowered Wintercress	Magura
Capsella bursa-pastoris	Shepherd's-purse	several places
Cardamine bulbifera	Coralroot Bittercress	Sinaia
Cardamine impatiens	Narrow-leaved Bittercress	Sinaia
Descurainia sophia	Flixweed	Dumbravitsa
Erysimum odoratum	Sweet Wallflower	Zărnești Gorge
Lepidium draba	Hoary Cress	several places, along roadside
Lepidium heterophyllum	Smith's Pepperwort	Mercheaşa
Lepidium ruderale	Narrow-leaved Pepperwort	near Fişer, on salted roadside
Lunaria rediviva	Perennial Honesty	Zărnești Gorge
Rorippa sylvestris	Creeping Yellowcress	Magura
Thlaspi arvense	Field Pennycress	Viscri
Campanulaceae (Bellflower		
Campanula glomerata	Clustered Bellflower	Viscri
Campanula patula	Spreading Bellflower	several places, in meadows
Campanula sibirica	Siberian Bellflower	several places
Campanula trachelium	Nettle-leaved Bellflower	Magura
Cannabaceae (Hemp Family		
Humulus lupulus	Hops	several places
Caprifoliaceae (Honeysuckle	e Family)	
Dipsacus laciniatus	Cut-leaved Teasel	widespread
- poucuo iucii iiucuo		Widespread
Knautia arvensis	Field Scabious	widespread
,	Field Scabious Woodland Scabious	
Knautia arvensis Knautia dipsacifolia	Woodland Scabious	widespread Magura
Knautia arvensis Knautia dipsacifolia Lonicera periclymenum		widespread Magura Zărnești Gorge
Knautia arvensis Knautia dipsacifolia Lonicera periclymenum Lonicera xylosteum	Woodland Scabious Common Honeysuckle	widespread Magura Zărnești Gorge Zărnești Gorge
Knautia arvensis Knautia dipsacifolia Lonicera periclymenum Lonicera xylosteum Scabiosa ochroleuca	Woodland Scabious Common Honeysuckle Fly Honeysuckle Cream Scabious	widespread Magura Zărneşti Gorge Zărneşti Gorge Magura
Knautia arvensis Knautia dipsacifolia Lonicera periclymenum Lonicera xylosteum	Woodland Scabious Common Honeysuckle Fly Honeysuckle Cream Scabious Hairy-fruited Cornsalad	widespread Magura Zărneşti Gorge Zărneşti Gorge Magura near Fişer
Knautia arvensis Knautia dipsacifolia Lonicera periclymenum Lonicera xylosteum Scabiosa ochroleuca Valeriana eriocarpa Valeriana montana	Woodland Scabious Common Honeysuckle Fly Honeysuckle Cream Scabious	widespread Magura Zărneşti Gorge Zărneşti Gorge Magura near Fişer Zărneşti Gorge
Knautia arvensis Knautia dipsacifolia Lonicera periclymenum Lonicera xylosteum Scabiosa ochroleuca Valeriana eriocarpa Valeriana montana Valeriana officinalis	Woodland Scabious Common Honeysuckle Fly Honeysuckle Cream Scabious Hairy-fruited Cornsalad Mountain Valerian Valerian	widespread Magura Zărneşti Gorge Zărneşti Gorge Magura near Fişer
Knautia arvensis Knautia dipsacifolia Lonicera periclymenum Lonicera xylosteum Scabiosa ochroleuca Valeriana eriocarpa Valeriana montana Valeriana officinalis Caryophyllaceae (Pink Fami	Woodland Scabious Common Honeysuckle Fly Honeysuckle Cream Scabious Hairy-fruited Cornsalad Mountain Valerian Valerian	widespread Magura Zărneşti Gorge Zărneşti Gorge Magura near Fişer Zărneşti Gorge Zărneşti Gorge
Knautia arvensis Knautia dipsacifolia Lonicera periclymenum Lonicera xylosteum Scabiosa ochroleuca Valeriana eriocarpa Valeriana montana Valeriana officinalis Caryophyllaceae (Pink Fami Arenaria serpyllifolia	Woodland Scabious Common Honeysuckle Fly Honeysuckle Cream Scabious Hairy-fruited Cornsalad Mountain Valerian Valerian Ity) Thyme-leaved Sandwort	widespread Magura Zărneşti Gorge Zărneşti Gorge Magura near Fişer Zărneşti Gorge Zărneşti Gorge zărneşti Gorge
Knautia arvensis Knautia dipsacifolia Lonicera periclymenum Lonicera xylosteum Scabiosa ochroleuca Valeriana eriocarpa Valeriana montana Valeriana officinalis Caryophyllaceae (Pink Fami Arenaria serpyllifolia Cerastium arvense	Woodland Scabious Common Honeysuckle Fly Honeysuckle Cream Scabious Hairy-fruited Cornsalad Mountain Valerian Valerian Ity) Thyme-leaved Sandwort Field Mouse-ear	widespread Magura Zărneşti Gorge Zărneşti Gorge Magura near Fişer Zărneşti Gorge Zărneşti Gorge zărneşti Gorge Zărneşti Gorge
Knautia arvensis Knautia dipsacifolia Lonicera periclymenum Lonicera xylosteum Scabiosa ochroleuca Valeriana eriocarpa Valeriana montana Valeriana officinalis Caryophyllaceae (Pink Fami Arenaria serpyllifolia Cerastium arvense Cerastium fontanum	Woodland Scabious Common Honeysuckle Fly Honeysuckle Cream Scabious Hairy-fruited Cornsalad Mountain Valerian Valerian Ily) Thyme-leaved Sandwort Field Mouse-ear Common Mouse-ear	widespread Magura Zărneşti Gorge Zărneşti Gorge Magura near Fişer Zărneşti Gorge Zărneşti Gorge zărneşti Gorge Zărneşti Gorge Magura Magura Magura
Knautia arvensis Knautia dipsacifolia Lonicera periclymenum Lonicera xylosteum Scabiosa ochroleuca Valeriana eriocarpa Valeriana montana Valeriana officinalis Caryophyllaceae (Pink Fami Arenaria serpyllifolia Cerastium arvense Cerastium fontanum Dianthus barbatus	Woodland Scabious Common Honeysuckle Fly Honeysuckle Cream Scabious Hairy-fruited Cornsalad Mountain Valerian Valerian Ity) Thyme-leaved Sandwort Field Mouse-ear Common Mouse-ear Sweet William	widespread Magura Zărneşti Gorge Zărneşti Gorge Magura near Fişer Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Magura Magura Meşendorf church
Knautia arvensis Knautia dipsacifolia Lonicera periclymenum Lonicera xylosteum Scabiosa ochroleuca Valeriana eriocarpa Valeriana montana Valeriana officinalis Caryophyllaceae (Pink Fami Arenaria serpyllifolia Cerastium arvense Cerastium fontanum Dianthus barbatus Dianthus carthusianorum	Woodland Scabious Common Honeysuckle Fly Honeysuckle Cream Scabious Hairy-fruited Cornsalad Mountain Valerian Valerian Iy) Thyme-leaved Sandwort Field Mouse-ear Common Mouse-ear Sweet William Carthusian Pink	widespread Magura Zărneşti Gorge Zărneşti Gorge Magura near Fişer Zărneşti Gorge Zărneşti Gorge zărneşti Gorge Zărneşti Gorge Magura Magura Magura
Knautia arvensis Knautia dipsacifolia Lonicera periclymenum Lonicera xylosteum Scabiosa ochroleuca Valeriana eriocarpa Valeriana montana Valeriana officinalis Caryophyllaceae (Pink Fami Arenaria serpyllifolia Cerastium arvense Cerastium fontanum Dianthus barbatus Dianthus carthusianorum Saponaria officinalis	Woodland Scabious Common Honeysuckle Fly Honeysuckle Cream Scabious Hairy-fruited Cornsalad Mountain Valerian Valerian Ity) Thyme-leaved Sandwort Field Mouse-ear Common Mouse-ear Sweet William Carthusian Pink Soapwort	widespread Magura Zărneşti Gorge Zărneşti Gorge Magura near Fişer Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Varneşti Gorge Zărneşti Gorge Several places Magura Magura Meşendorf church Magura
Knautia arvensis Knautia dipsacifolia Lonicera periclymenum Lonicera xylosteum Scabiosa ochroleuca Valeriana eriocarpa Valeriana montana Valeriana officinalis Caryophyllaceae (Pink Fami Arenaria serpyllifolia Cerastium arvense Cerastium fontanum Dianthus barbatus Dianthus carthusianorum Saponaria officinalis Scleranthus annuus	Woodland Scabious Common Honeysuckle Fly Honeysuckle Cream Scabious Hairy-fruited Cornsalad Mountain Valerian Valerian Thyme-leaved Sandwort Field Mouse-ear Common Mouse-ear Sweet William Carthusian Pink Soapwort Annual Knawel	widespread Magura Zărneşti Gorge Zărneşti Gorge Magura near Fişer Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Magura Magura Magura Meşendorf church Magura Magura Magura Magura Magura Magura Magura
Knautia arvensis Knautia dipsacifolia Lonicera periclymenum Lonicera xylosteum Scabiosa ochroleuca Valeriana eriocarpa Valeriana montana Valeriana officinalis Caryophyllaceae (Pink Fami Arenaria serpyllifolia Cerastium arvense Cerastium fontanum Dianthus barbatus Dianthus carthusianorum Saponaria officinalis Scleranthus annuus Silene armeria	Woodland Scabious Common Honeysuckle Fly Honeysuckle Cream Scabious Hairy-fruited Cornsalad Mountain Valerian Valerian Ity) Thyme-leaved Sandwort Field Mouse-ear Common Mouse-ear Sweet William Carthusian Pink Soapwort Annual Knawel Sweet William Catchfly	widespread Magura Zărneşti Gorge Zărneşti Gorge Magura near Fişer Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Several places Magura Magura Meşendorf church Magura
Knautia arvensis Knautia dipsacifolia Lonicera periclymenum Lonicera xylosteum Scabiosa ochroleuca Valeriana eriocarpa Valeriana montana Valeriana officinalis Caryophyllaceae (Pink Fami Arenaria serpyllifolia Cerastium arvense Cerastium fontanum Dianthus barbatus Dianthus carthusianorum Saponaria officinalis Scleranthus annuus Silene armeria Silene flos-cuculi (=Lychnis	Woodland Scabious Common Honeysuckle Fly Honeysuckle Cream Scabious Hairy-fruited Cornsalad Mountain Valerian Valerian Thyme-leaved Sandwort Field Mouse-ear Common Mouse-ear Sweet William Carthusian Pink Soapwort Annual Knawel	widespread Magura Zărneşti Gorge Zărneşti Gorge Magura near Fişer Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Magura Magura Magura Meşendorf church Magura Magura Magura Magura Magura Magura Mesendorf church
Knautia arvensis Knautia dipsacifolia Lonicera periclymenum Lonicera xylosteum Scabiosa ochroleuca Valeriana eriocarpa Valeriana montana Valeriana officinalis Caryophyllaceae (Pink Fami Arenaria serpyllifolia Cerastium arvense Cerastium fontanum Dianthus barbatus Dianthus carthusianorum Saponaria officinalis Scleranthus annuus Silene armeria	Woodland Scabious Common Honeysuckle Fly Honeysuckle Cream Scabious Hairy-fruited Cornsalad Mountain Valerian Valerian Ity) Thyme-leaved Sandwort Field Mouse-ear Common Mouse-ear Sweet William Carthusian Pink Soapwort Annual Knawel Sweet William Catchfly	widespread Magura Zărneşti Gorge Zărneşti Gorge Magura near Fişer Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Several places Magura Magura Meşendorf church Magura

SCIENTIFIC NAME	ENGLISH NAME	NOTES
Silene vulgaris	Bladder Campion	Magura
Stellaria graminea	Lesser Stitchwort	several places
Stellaria nemorum	Wood Stitchwort	Zărneşti Gorge
Viscaria vulgaris (=Silene	Sticky Catchfly	Magura, Dumbravitsa
viscaria)		
Celastraceae (Spindle Fami	v)	
Euonymus europaeus	Spindle	several places
Chenopodiaceae (Goosefoo		
Chenopodium bonus-henricus	Good-King-Henry	Magura
Chenopodium glaucum	Oak-leaved Goosefoot	Mesendorf
Chenopodium hybridum	Maple-leaved Goosefoot	Crit
Cistaceae (Rockrose Family		
Helianthemum nummularium	Common Rockrose	Magura
Cornaceae (Dogwood Family	<u>v)</u>	
Cornus sanguinea	Dogwood	several places
Convolvulaceae (Bindweed		
Calystegia sepium	Hedge Bindweed	several places
Convolvulus arvensis	Field Bindweed	several places
Cuscuta europaea	Greater Dodder	Breite
Crassulaceae (Stonecrop Fa		
Hylotelephium sp.	Orpine	Zărnești Gorge, Magura
Sedum cf hispanicum	Spanish Stonecrop	Magura - dry bank
Cucurbitaceae (Gourd Famil		Tragara ary barne
Bryonia dioica	White Bryony	Dumbravitsa
Elaeagnaceae (Oleaster Fan		Dambiavicsa
Hippophae rhamnoides	Sea-buckthorn	in the Carpathians
Ericaceae (Heath Family)	Sea Backinoin	in the carpacitans
Kalmia procumbens	Trailing Azalea	Bucegi Mountains
(=Loiseleuria procumbens)	Training / Leared	Bacegi i louricanio
Moneses uniflora	One-flowered Wintergreen	near Predeal
Rhododendron ferrugineum	Alpenrose	Bucegi Mountains
Euphorbiaceae (Spurge Fam		- Laces - Louistanie
Euphorbia amygdaloides	Wood Spurge	Zărnești Gorge
Euphorbia cyparissias	Cypress Spurge	Dumbravitsa
Euphorbia epithymoides	Cushion Spurge	Apold
Euphorbia helioscopia	Sun Spurge	Crit
Mercurialis perennis	Dog's Mercury	Zărnești Gorge
Fabaceae (Pea Family)		1 313-
Anthyllis vulneraria	Kidney Vetch	Magura
Astragalus glycyphyllos	Wild Liquorice	Magura
Chamaecytisus albus	Portuguese Broom	Apold
Genista sagittalis	Arrow-jointed Broom	Magura
Genista sagittaris Genista tinctoria	Dyer's Greenweed	Dumbravitsa, Mercheaşa
Lathyrus aphaca	Yellow Vetchling	Apold - pale yellow tall vetchlir
Lathyrus hirsutus	Hairy Vetchling	near Fişer
Lathyrus latifolius	Broad-leaved Everlasting	returning to Bucharest, in urba
Ladiyias ladiollas	Pea	area
Lathyrus niger	Black Pea	Dumbravitsa
Lathyrus nissolia	Grass Vetchling	near Fişer
Lathyrus tuberosus	Tuberous Pea	roadsides returning to Buchare
Lautyrus tuberosus	Tuberous Fea	bright pink
	Spring Pea	Dumbravitsa
Lathyrus vernus		Dullipi avicsa
Lathyrus vernus	· · ·	Magura
Lotus corniculatus	Bird's-foot Trefoil	Magura
	· · ·	Magura Viscri - the white canary clover Crit

SCIENTIFIC NAME	ENGLISH NAME	NOTES				
Medicago sativa	Alfalfa	widespread				
Melilotus albus	White Melilot	returning to Bucharest				
Onobrychis viciifolia	Sainfoin	widespread				
Robinia pseudoacacia	False Acacia	several places				
Securigera varia (= Coronilla	Crown Vetch	Apold				
varia)	Clowii veteli	Apold				
Trifolium arvense	Hare's-foot Clover	Dumbravitsa, returning to				
		Bucharest				
Trifolium campestre	Hop Trefoil	Dumbravitsa				
Trifolium medium	Zigzag Clover	Dumbravitsa				
Trifolium montanum	Mountain Clover	Magura, Dumbravitsa				
Trifolium pannonicum	Hungarian Clover	Dumbravitsa				
Trifolium pratense	Red Clover	several places				
Trifolium repens	White Clover	several places				
Trifolium rubens	Ruddy Clover	Dumbravitsa				
Vicia cracca	Tufted Vetch	Magura				
Vicia hirsuta	Hairy Tare	Dumbravitsa				
Vicia pannonica	Hungarian Vetch	Apold				
Vicia sativa	Common Vetch	several places				
Vicia sepium	Bush Vetch	near Fişer				
Vicia tetrasperma	Smooth Tare	Dumbravitsa				
Fagaceae (Beech Family)						
Fagus sylvatica	Beech	Zărneşti Gorge				
Quercus petraea	Sessile Oak	Mercheaşa				
Quercus petraea x robus (Q. x	hybrid oak	Mercheaşa				
rosacea)						
Quercus robur	Pedunculate Oak	Mercheaşa				
Geraniaceae (Crane's-bill Far						
Erodium cicutarium	Common Stork's-bill	Dumbravitsa				
	Cut-leaved Crane's-bill	Dumbravitsa				
Geranium dissectum						
Geranium phaeum	Dusky Crane's-bill	Zărnești Gorge				
Geranium phaeum Geranium pratense	Dusky Crane's-bill Meadow Crane's-bill	Magura				
Geranium phaeum Geranium pratense Geranium pusillum	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill	Magura widespread				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert	Magura widespread several places				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill	Magura widespread				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum Juglandaceae (Walnut Family	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill	Magura widespread several places Dumbravitsa				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum Juglandaceae (Walnut Family Juglans regia	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill	Magura widespread several places				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum Juglandaceae (Walnut Family Juglans regia Lamiaceae (Mint Family)	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill Walnut	Magura widespread several places Dumbravitsa widespread				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum Juglandaceae (Walnut Family Juglans regia Lamiaceae (Mint Family) Ajuga genevensis	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill Walnut Blue Bugle	Magura widespread several places Dumbravitsa widespread near Fişer				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum Juglandaceae (Walnut Family Juglans regia Lamiaceae (Mint Family) Ajuga genevensis Ajuga reptans	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill Walnut Blue Bugle Bugle	Magura widespread several places Dumbravitsa widespread near Fişer Zărneşti Gorge				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum Juglandaceae (Walnut Family Juglans regia Lamiaceae (Mint Family) Ajuga genevensis Ajuga reptans Betonica officinalis	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill Walnut Blue Bugle Bugle Betony	Magura widespread several places Dumbravitsa widespread near Fişer Zărneşti Gorge several places				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum Juglandaceae (Walnut Family Juglans regia Lamiaceae (Mint Family) Ajuga genevensis Ajuga reptans Betonica officinalis Clinopodium alpinum	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill Walnut Blue Bugle Bugle Betony Rock Thyme	Magura widespread several places Dumbravitsa widespread near Fişer Zărneşti Gorge several places Magura				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum Juglandaceae (Walnut Family Juglans regia Lamiaceae (Mint Family) Ajuga genevensis Ajuga reptans Betonica officinalis Clinopodium alpinum Clinopodium vulgare	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill Walnut Blue Bugle Bugle Betony Rock Thyme Wild Basil	Magura widespread several places Dumbravitsa widespread near Fişer Zărneşti Gorge several places Magura Crit				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum Juglandaceae (Walnut Family) Juglans regia Lamiaceae (Mint Family) Ajuga genevensis Ajuga reptans Betonica officinalis Clinopodium alpinum Clinopodium vulgare Glechoma hederacea	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill Walnut Blue Bugle Bugle Betony Rock Thyme Wild Basil Ground Ivy	Magura widespread several places Dumbravitsa widespread near Fişer Zărneşti Gorge several places Magura Crit Zărneşti Gorge				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum Juglandaceae (Walnut Family) Juglans regia Lamiaceae (Mint Family) Ajuga genevensis Ajuga reptans Betonica officinalis Clinopodium alpinum Clinopodium vulgare Glechoma hederacea Lamium album	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill Walnut Blue Bugle Bugle Betony Rock Thyme Wild Basil Ground Ivy White Dead-nettle	Magura widespread several places Dumbravitsa widespread near Fişer Zărneşti Gorge several places Magura Crit Zărneşti Gorge Zărneşti Gorge				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum Juglandaceae (Walnut Family Juglans regia Lamiaceae (Mint Family) Ajuga genevensis Ajuga reptans Betonica officinalis Clinopodium alpinum Clinopodium vulgare Glechoma hederacea Lamium album Lamium galeobdolon	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill Walnut Blue Bugle Bugle Betony Rock Thyme Wild Basil Ground Ivy White Dead-nettle Yellow Archangel	Magura widespread several places Dumbravitsa widespread near Fişer Zărneşti Gorge several places Magura Crit Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum Juglandaceae (Walnut Family Juglans regia Lamiaceae (Mint Family) Ajuga genevensis Ajuga reptans Betonica officinalis Clinopodium alpinum Clinopodium vulgare Glechoma hederacea Lamium album Lamium galeobdolon Lamium garganicum	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill Walnut Blue Bugle Bugle Betony Rock Thyme Wild Basil Ground Ivy White Dead-nettle Yellow Archangel Large Red Dead-nettle	Magura widespread several places Dumbravitsa widespread near Fişer Zărneşti Gorge several places Magura Crit Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum Juglandaceae (Walnut Family) Juglans regia Lamiaceae (Mint Family) Ajuga genevensis Ajuga reptans Betonica officinalis Clinopodium alpinum Clinopodium vulgare Glechoma hederacea Lamium album Lamium garganicum Leonurus cardiaca	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill Walnut Blue Bugle Bugle Betony Rock Thyme Wild Basil Ground Ivy White Dead-nettle Yellow Archangel Large Red Dead-nettle Motherwort	Magura widespread several places Dumbravitsa widespread near Fişer Zărneşti Gorge several places Magura Crit Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum Juglandaceae (Walnut Family) Juglans regia Lamiaceae (Mint Family) Ajuga genevensis Ajuga reptans Betonica officinalis Clinopodium alpinum Clinopodium vulgare Glechoma hederacea Lamium album Lamium galeobdolon Lamium garganicum Leonurus cardiaca Lycopus europaeus	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill Walnut Blue Bugle Bugle Betony Rock Thyme Wild Basil Ground Ivy White Dead-nettle Yellow Archangel Large Red Dead-nettle Motherwort Gypsywort	Magura widespread several places Dumbravitsa widespread near Fişer Zărneşti Gorge several places Magura Crit Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Crit Gorge Zărneşti Gorge Crit Dumbravitsa				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum Juglandaceae (Walnut Family Juglans regia Lamiaceae (Mint Family) Ajuga genevensis Ajuga reptans Betonica officinalis Clinopodium alpinum Clinopodium vulgare Glechoma hederacea Lamium album Lamium galeobdolon Lamium garganicum Leonurus cardiaca Lycopus europaeus Mentha arvensis	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill Walnut Blue Bugle Bugle Betony Rock Thyme Wild Basil Ground Ivy White Dead-nettle Yellow Archangel Large Red Dead-nettle Motherwort Gypsywort Corn Mint	Magura widespread several places Dumbravitsa widespread near Fişer Zărneşti Gorge several places Magura Crit Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Crit Gorge Zărneşti Gorge Cărneşti Gorge Cărneşti Gorge Cărneşti Gorge Crit Dumbravitsa Breite				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum Juglandaceae (Walnut Family Juglans regia Lamiaceae (Mint Family) Ajuga genevensis Ajuga reptans Betonica officinalis Clinopodium alpinum Clinopodium vulgare Glechoma hederacea Lamium album Lamium galeobdolon Lamium garganicum Leonurus cardiaca Lycopus europaeus Mentha arvensis Prunella vulgaris	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill Walnut Blue Bugle Bugle Betony Rock Thyme Wild Basil Ground Ivy White Dead-nettle Yellow Archangel Large Red Dead-nettle Motherwort Gypsywort Corn Mint Selfheal	Magura widespread several places Dumbravitsa widespread near Fişer Zărneşti Gorge several places Magura Crit Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Crit Dumbravitsa Breite several places				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum Juglandaceae (Walnut Family Juglans regia Lamiaceae (Mint Family) Ajuga genevensis Ajuga reptans Betonica officinalis Clinopodium alpinum Clinopodium vulgare Glechoma hederacea Lamium album Lamium galeobdolon Lamium garganicum Leonurus cardiaca Lycopus europaeus Mentha arvensis Prunella vulgaris Salvia nemorosa	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill Walnut Blue Bugle Bugle Betony Rock Thyme Wild Basil Ground Ivy White Dead-nettle Yellow Archangel Large Red Dead-nettle Motherwort Gypsywort Corn Mint Selfheal Balkan Clary	Magura widespread several places Dumbravitsa widespread near Fişer Zărneşti Gorge several places Magura Crit Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Crit Dumbravitsa Breite several places on way to Carpathians				
Geranium phaeum Geranium pratense Geranium pusillum Geranium robertianum Geranium sanguineum Juglandaceae (Walnut Family Juglans regia Lamiaceae (Mint Family) Ajuga genevensis Ajuga reptans Betonica officinalis Clinopodium alpinum Clinopodium vulgare Glechoma hederacea Lamium album Lamium galeobdolon Lamium garganicum Leonurus cardiaca Lycopus europaeus Mentha arvensis Prunella vulgaris	Dusky Crane's-bill Meadow Crane's-bill Small-flowered Crane's-bill Herb-Robert Bloody Crane's-bill Walnut Blue Bugle Bugle Betony Rock Thyme Wild Basil Ground Ivy White Dead-nettle Yellow Archangel Large Red Dead-nettle Motherwort Gypsywort Corn Mint Selfheal	Magura widespread several places Dumbravitsa widespread near Fişer Zărneşti Gorge several places Magura Crit Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Zărneşti Gorge Crit Dumbravitsa Breite several places				

SCIENTIFIC NAME	ENGLISH NAME	NOTES
Stachys germanica	Downy Woundwort	near Fişer, Crit
Stachys recta	Yellow Woundwort	Apold
Stachys sylvatica	Hedge Woundwort	Several places
Teucrium chamaedrys	Wall Germander	Magura
Thymus pulegioides	Broad-leaved Thyme	Magura
Thymus serpyllum	Creeping Thyme	Viscri
Linaceae (Flax Family)	, ,	
Linum catharticum	Fairy Flax	Viscri
Linum flavum	Yellow Flax	Apold
Malvaceae (Mallow Family)		
Abutilon theophrasti	Velvetleaf	Apold (not flowering)
Malva neglecta	Dwarf Mallow	Dumbravitsa
Malva sylvestris	Common Mallow	several places
Tilia platyphyllos	Large-leaved Lime	Crit (by church)
Oleaceae (Oliver Family)		
Fraxinus excelsior	Ash	several places
Ligustrum vulgare	Wild Privet	several places
Orobanchaceae (Broomrape	e Family)	
Euphrasia agg	Eyebright	near Fişer
Lathraea squamaria	Toothwort	Sinaia
Melampyrum arvense	Field Cow-wheat	Viscri
Melampyrum bihariense	a cow-wheat	Crit
Melampyrum sylvaticum	Small Cow-wheat	Magura
Orobanche alba	Thyme Broomrape	Viscri
Orobanche minor	Common Broomrape	Crit
Pedicularis verticillata	Verticillate Lousewort	Zărneşti Gorge
Rhinanthus minor	Common Yellow Rattle	Magura
Rhinanthus rumelicus	a yellow rattle	Apold
Oxalidaceae (Wood Sorrel		
Oxalis acetosella	Wood-sorrel	Zărneşti Gorge
Oxalis stricta	Yellow Wood-sorrel	Mercheaşa
Papaveraceae (Poppy Famil	(y)	
Chelidonium majus	Greater Celandine	Zărneşti Gorge
Fumaria vaillantii	Few-flowered Fumitory	Sighişoara
Papaver rhoeas	Common Poppy	returning to Bucharest
Plantaginaceae (Plantain Fa	amily)	
Cymbalaria muralis	Ivy-leaved Toadflax	Sighişoara walls
Digitalis grandiflora	Large Yellow Foxglove	Magura
Plantago media	Hoary Plantain	widespread
Veronica arvensis	Wall Speedwell	Dumbravitsa
Veronica anagallis-aquatica	Blue Water-speedwell	Viscri village, in ditch
Veronica austriaca	Austrian Speedwell	Apold
Veronica catenata	Pink-flowered Water-	Crit, in river
	speedwell	
Veronica chamaedrys	Germander Speedwell	Magura
Veronica officinalis	Heath Speedwell	Breite, Mercheaşa
Veronica persica	Common Field-speedwell	several places
Veronica serpyllifolia	Thyme-leaved Speedwell	Magura
Veronica urticifolia	Nettle-leaved Speedwell	Sinaia
Polygalaceae (Milkwort Fan		
Polygala comosa	Tufted Milkwort	Magura
Polygala major	Large Milkwort	Crit, Viscri - the tall milkwork
Polygala vulgaris	Common Milkwort	Magura
Polygonaceae (Knotweed F		

SCIENTIFIC NAME	ENGLISH NAME	NOTES
Fallopia convolvulus	Black Bindweed	returning to Bucharest
Persicaria hydropiper	Water-pepper	Breite
Reynoutria japonica	Japanese Knotweed	widespread
Rumex acetosa	Common Sorrel	widespread in meadows
Rumex acetosella	Sheep's Sorrel	several places
Primulaceae (Primrose Famil		
Lysimachia arvensis (=Anagallis	Scarlet Pimpernel	several places
arvensis)	·	·
Lysimachia nemorum	Yellow Pimpernel	Breite
Lysimachia nummularia	Creeping Jenny	Breite
Primula matthioli (=Cortusa	Alpine Bells	Zărneşti Gorge
matthioli)	-	
Primula minima	Least Primrose	Bucegi Mountains
Primula veris	Cowslip	Magura
Soldanella hungarica	Hungarian Snowbell	Zărnești Gorge
Ranunculaceae (Buttercup Fa		
Adonis flammea	Scarlet Pheasant's Eye	Viscri
Anemonoides nemorosa	Wood Anemone	Zărnești Gorge
(=Anemone nemorosa)		
Anemonoides ranunculoides	Yellow Anemone	Sinaia
(=Anemone ranunculoides)		
Clematis alpina	Alpine Clematis	Zărnești Gorge
Clematis recta	Upright Clematis	Apold
Clematis vitalba	Traveller's Joy	Apold
Delphinium elatum	Alpine Delphinium	Zărnești Gorge
Delphinium consolida	Forking Larkspur	returning to Bucharest
(=Consolida regalis)		
Delphinium elatum	Alpine Delphinium	Zărnești Gorge
Delphinium hispanicum (=Consolida orientalis)	Eastern Larkspur	near Apold
Ficaria verna	Lesser Celandine	Sinaia
Helleborus purpurascens	a hellebore	Sinaia
Pulsatilla scherfelii	Alpine Pasqueflower	Bucegi Mountains
Ranunculus acris	Meadow Buttercup	Magura
Ranunculus repens	Creeping Buttercup	several places
Ranunculus sceleratus	Celery-leaved Buttercup	Meşendorf
Ranunculus tuberosus	a buttercup	Zărnești Gorge, Sinaia
Thalictrum aquilegiifolium	French Meadow-rue	Apold
Trollius europaeus	Globeflower	Magura
Resedaceae (Mignonette Fam		
Reseda lutea	Wild Mignonette	Viscri
Rosaceae (Rose Family)		
Agrimonia eupatoria	Agrimony	widespread
Alchemila agg.	lady's-mantle	Magura, Zărnești Gorge
Argentina anserina (=Potentilla anserina)	Silverweed	Magura
Crataegus monogyna	Hawthorn	widespread
Filipendula ulmaria	Meadowsweet	Dumbravitsa
Filipendula vulgaris	Dropwort	widespread
Fragaria vesca	Wild Strawberry	widespread
Geum rivale	Water Avens	Zărneşti Gorge
Geum urbanum	Wood Avens	Zărnești Gorge, Sinaia
Malus domestica	Apple	several places
Potentilla argentea	Hoary Cinquefoil	Magura
Potentilla aurea	Golden Cinquefoil	Bucegi Mountains
Potentilla erecta	Tormentil	
	Golden Cinquefoil	Bucegi Mountains Magura

SCIENTIFIC NAME	ENGLISH NAME	NOTES
Potentilla thuringiaca	Thuringian Cinquefoil	Viscri
Potentilla recta	Sulphur Cinquefoil	returning to Bucharest - service station
Potentilla reptans	Creeping Cinquefoil	Breite
Prunus domestica	Wild Plum	Crit
Prunus spinosa	Blackthorn	Magura, Mercheaşa
Pyrus communis (=Pyrus pyrasta)	Wild Pear	Mercheaşa
Rosa canina	Dog Rose	widespread
Rosa gallica	Gallic Rose	Viscri
Rosa pendulina	Shrub Rose	Zărnești Gorge
Rubus caesius	Dewberry	several places
Rubus idaeus	Raspberry	Zărneşti Gorge
Sanguisorba officinalis	Great Burnet	Mercheaşa
Sorbus aucuparia	Rowan	widespread
Spiraea chamaedryfolia	Elm-leaved Spiraea	Zărneşti Gorge
Torminalis glaberrima (=Sorbus	Wild Service Tree	several places
torminalis)		,
Rubiaceae (Madder Family)	<u>.</u>	
Asperula capitata	Woodruff	Zărnești Gorge - on wet rock l
		stream
Asperula cynanchica	Squinancywort	Viscri
Cruciata laevipes	Crosswort	Zărnești Gorge
Galium album	Hedge Bedstraw	several places
Galium aparine	Cleavers	widespread
Galium boreale (=Galium rubioides)	Northern Bedstraw	Apold
Galium odoratum	Sweet Woodruff	Zărnești Gorge
Galium palustre	Marsh Bestraw	Breite
Galium verum	Lady's Bedstraw	Magura
Salicaceae (Willow Family)		
Populus alba	White Poplar	on the way to the Carpathians
Populus tremula	Aspen	several places
Salix alba	White Willow	widespread in river valleys
Salix purpurea	Purple Willow	Magura
Santalaceae (Sandalwood Fa		<u>, </u>
Viscum album	Mistletoe	several places
Sapindaceae (Soapberry Fam		
Acer campestre	Field Maple	Sighisoara
Acer negundo	Ashleaf Maple	on way to Apold
Acer platanoides	Norway Maple	Sinaia
Acer pseudoplatanus Saxifragaceae (Saxifrage Far	Sycamore mily)	widespread
Chrysosplenium alternifolium	Alternate-leaved Golden- saxifrage	Zărnești Gorge
Saxifraga cuneifolia	Spoon-leaved Saxifrage	Zărnești Gorge
Saxifraga adscendens	Wedgeleaf Saxifrage	Zărnești Gorge
Scrophulariaceae (Figwort Fa		
Scrophularia nodosa	Common Figwort	Crit
Scrophularia heterophylla	a figwort	Zărneşti Gorge
Scrophularia scopolii	Italian Figwort	Sinaia
Verbascum spp.	a mullein	Magura (leaves only)
Verbascum densiflorum	Dense-flowered Mullein	returning to Bucharest
Ulmaceae (Elm Family)		-
Officede (Eith Falling)		

SCIENTIFIC NAME	ENGLISH NAME	NOTES
Viburnum opulus	Guelder Rose	widespread
Violaceae (Violet Family)		
Viola arvensis	Field Pansy	several places
Viola biflora	Yellow Wood Violet	Zărnești Gorge
Viola canina	Heath Dog-violet	Breite
Viola hirta	Hairy Violet	Dumbravitsa, near Fişer
Viola odorata	Sweet Violet	Crit
Viola persicifolia	Fen Violet	Magura
Viola riviniana	Common Dog-violet	Magura
Viola tricolor	Wild Pansy	Magura
ANGIOSPERMS: MONOCOTY	YLEDONS	
Amaryllidaceae		
Allium ursinum	Ramsons	Sinaia
Allium vineale	Crow Garlic	Crit
Asparagaceae (Asparagus F		
Leopoldia comosa (=Muscari	Tassel Hyacinth	Apold
comosum)		1
Ornithogalum amphibolum	a star of Bethlehem	Apold
Polygonatum odoratum	Angular Solomon's Seal	near Fişer
Polygonatum verticillatum	Whorled Solomon's Seal	Sinaia
Colchicaceae (Colchicum Fa		M 6 3
Colchicum autumnale	Meadow Saffron/Autumn	Magura, Crit
Compressor (Codes Family)	Crocus	
Cyperaceae (Sedge Family)		none Finan
Carex distans	Distant Sedge	near Fişer
Carex hirta	Hairy Sedge	Dumbravitsa
Carex leporina	Oval Sedge	several places
Carex otrubae	False Fox-sedge	Dumbravitsa Broite Marchanes
Carex pallescens Carex remota	Pale Sedge Remote Sedge	Breite, Mercheaşa Sinaia
	-	
Carex strigosa	Thin-spiked Wood-sedge	Sinaia
Carex sylvatica	Wood Sedge	Zărnești Gorge, Sinaia
Eriophorum spp.	Cotton-grass	Magura
Scirpus sylvaticus	Wood Club-rush	Magura
Juncaceae (Rush family) Luzula campestris	Field Wood-rush	Morchoaca
Luzula luzuloides	White Wood-rush	Mercheaşa Magura
Melanthiaceae (Trillium Far		ı ı ıayuı a
Paris quadrifolia	Herb-Paris	Sinaia
Veratrum album	White False Helleborine	Bucegi Mountains
Orchidaceae (Orchid Family		- Ducceyi Mountains
Anacamptis coriophora	Bug Orchid	near Fişer
Anacamptis laxiflora	Lax-flowered Orchid	near Fişer
Anacamptis morio	Green-winged Orchid	Magura
Cephalanthera damasonium	White Helleborine	Sinaia
Dactylorhiza majalis	Western Marsh Orchid	Magura
Epipactis sp.	a helleborine	Sinaia
Gymnadenia conopsea	Marsh Fragrant Orchid	Magura
Neottia ovata (=Listera ovata)	Common Twayblade	Zărnești Gorge
Neottia ovata (-Listera ovata) Neottia nidus-avis	Bird's-nest Orchid	Sinaia
Poaceae (Grass Family)	שווע א־ווכאנ טונטווע	Jiliaia
Alopecurus pratensis	Meadow Foxtail	near Fişer
Anthoxanthum odoratum	Sweet Vernal-grass	widespread
Brachypodium pinnatum	Tor-grass	widespread
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SCIENTIFIC NAME	ENGLISH NAME	NOTES				
Briza media	Quaking-grass	widespread in meadows Crit				
Bromus erectus	Upright Brome					
Cynosurus cristatus	Crested Dog's-tail	several places				
Dactylis glomerata	Cock's-foot	widespread				
Danthonia decumbens	Heath Grass	Mercheaşa				
Deschampsia cespitosa	Tufted Hair-grass	Dumbravitsa				
Festuca ovina agg.	Sheep's Fescue	Viscri				
Koeleria macrantha	Crested Hair-grass	Viscri				
Lolium arundinaceum (= Schedonorus arundinaceus)	Tall Fescue	Dumbravitsa				
Lolium giganteum (= Schedonorus giganteus)	Giant Fescue	Zărnești Gorge, Sinaia				
Phalaris arundinacea	Reed Canary-grass	several places				
Phragmites australis	Common Reed	Dumbravitsa				
Puccinellia distans	Reflexed Saltmarsh Grass	near Fişer, on salted roadside				
Typhaceae (Bulrush Family)						
Typha angustifolia	Lesser Bulrush	Dumbravitsa				
Typha latifolia	Bulrush	several places				

H = heard only, S = field signs, D = dead

ENGLISH NAME	SCIENTIFIC NAME	3rd	4 th	5th	9 th	7 th	8 th	ф6	10 th
BIRDS Family Apatids	e (Ducks, Geese, Swans)								
Mallard	Anas platyrhynchos				•				
Pochard	Aythya farina	•			•		-		Ť
Tufted Duck	Aythya falilia Aythya fuligula				•		-		
	idae (Pheasants, Partridges)				·				
Quail	Coturnix coturnix						Н		
	edidae (Grebes)						11		
Little Grebe	Tachybaptus ruficollis				•				
Great Crested G	, ,				•				
	ocoracidae (Cormorants)				·				
Great Cormoran					•				
Pygmy Cormora					•		-	<u> </u>	
Family Ardeida					·				
Night Heron	Nycticorax nycticorax				♦				
Squacco Heron	Ardeola ralloides				•				
Little Egret	Egretta garzetta				•		-	<u> </u>	
Great Egret	Egretta alba				•		-	<u> </u>	
Grey Heron	Ardea cinerea				•		-		
Family Ciconii					·				
White Stork	Ciconia ciconia				•	•	♦	•	•
	idae (Hawks, Eagles, Vultures)				·	·	Ť	Ť	·
Lesser Spotted E						•	•	•	•
Marsh Harrier	Circus aeruginosus				•	Ť	Ť	Ť	Ť
Common Buzzar				•	•	•	•	•	•
Honey Buzzard	Pernis apivorus		•	Ť	Ť	Ť	Ť	Ť	Ť
Sparrowhawk	Accipiter nisus		Ť		•		-		
Family Falconi					·				
Kestrel	Falco tinnunculus	•	•		•	•		•	•
Peregrine	Falco peregrinus		Ť		Ť	Ť	-	•	Ť
	e (Rails and Crakes)							Ě	
Corncrake	Crex crex					Н			
Moorhen	Gallinula chloropus								•
Coot	Fulica atra				•		-	<u> </u>	Ť
Family Laridae					·				
Black-headed Gu	` '				•				•
Yellow-legged G	,				•				•
Family Sternid					Ť				Ť
Sandwich Tern	Sterna sandvicensis				♦				
Black Tern	Chlidonias niger				•		 		
Whiskered Tern	Chlidonia hybrida				•				•
	idae (Pigeons, Doves)				Ť				Ť
Rock Dove/Feral		•		♦	♦	•	♦	♦	♦
Stock Dove	Columba oenas			Ť	Ť	Ť	Ť	•	Ť
Woodpigeon	Columba palumbus					•	•	Ť	•
Collared Dove	Streptopelia decaocto				•	•	•	•	•
Turtle Dove	Streptopelia turtur				Ť	•	Ť	•	Ť
Family Cuculid									
Common Cuckoo		Н	Н	Н	•	Н	Н	Н	Н
Family Strigida					Ť			ظ	, ,
Tawny Owl	Strix aluco		Н						
Little Owl	Athene noctua						+		

	ENGLISH NAME	SCIENTIFIC NAME	3rd	4 th	5th	6 th	₩.	8th	9th	10 th
	Family Apodidae (Swifts)									
	Common Swift	Apus apus	•		•	•	•	•	•	•
	Alpine Swift	Apus melba		•						
	Family Upupidae (Hoopo	1								
	Ноорое	Upupa epops					♦	♦	<u>◆</u>	♦
	Family Meropidae (Bee-e	-								
	European Bee-eater	Merops apiaster							Н	
	Family Picidae (Woodpec	-								
	Black Woodpecker	Dryocopus martius			Н		•		•	ļ
	Green Woodpecker	Picus viridis		Н	Н		Н		Н	
	Grey-headed Woodpecker	Picus canus					Н		<u> </u>	
	Great Spotted Woodpecker	Dendrocopos major					•		Н	•
	Syrian Woodpecker	Dendrocopos syriacus					•	•	Ļ	_
	Middle Spotted Woodpecker						*		◆	♦
	Family Alaudidae (Larks)						•		Ļ	
	Skylark	Alauda arvensis				•	•	•	♦	•
	Woodlark	Lullula arborea						•	•	Ļ
	Crested Lark	Galerida cristata								•
	Family Hirundinidae (Swa									
	Swallow	Hirundo rustica	•	•	•	•	•	•	♦	•
	House Martin	Delichon urbica	•	♦	♦	♦	♦	♦	♦	♦
	Family Motacillidae (Wag									
	Water Pipit	Anthus spinoletta			Н				<u> </u>	
	Tree Pipit	Anthus trivialis					•	•	<u> </u>	<u> </u>
	Yellow Wagtail	Motacilla flava (feldegg)				•	•	•	♦	•
	White Wagtail	Motacilla alba		•	•	♦	•	♦	♦	♦
	Grey Wagtail	Motacilla cinerea		♦	♦	♦				
	Family Cinclidae (Dippers									
	Dipper	Cinclus cinclus			♦					
	Family Troglodytidae (W									
	Wren	Troglodytes troglodytes		♦	♦		♦			
	Family Muscicapidae (Ch									
	Robin	Erithacus rubecula			•	♦			♦	
	Common Redstart	Phoenicurus phoenicurus		•	•	•	•	•	•	•
	Black Redstart	Phoenicurus ochruros	•	♦	•	♦	♦	♦	♦	♦
	Northern Wheatear	Oenanthe oenanthe			•				<u> </u>	
	Whinchat	Saxicola rubetra					•	♦	<u> </u>	
	Stonechat	Saxicola torquata							♦	
	Collared Flycatcher	Ficedula albicollis			♦		♦			
	Family Turdidae (Thrushe									
	Song Thrush	Turdus philomelos	H	•	•	♦			♦	
	Fieldfare	Turdus pilaris		•	•				<u> </u>	
	Mistle Thrush	Turdus viscivorus		♦					L	
	Blackbird	Turdus merula	♦	♦	♦	♦	♦	♦		♦
	Family Sylviidae (Sylviid	-								
	Blackcap	Sylvia atricapilla		Н	♦		♦	♦	L	
	Garden Warbler	Sylvia borin							•	
	Whitethroat	Sylvia communis				♦	♦	♦		
	Family Locustellidae (Gra	asshopper Warblers)								
	Grasshopper Warbler						•		igspace	<u> </u>
	Savi's Warbler	Locustella luscinioides				♦				
	Family Acrocephalidae (R									
	Sedge Warbler	Acrocephalus schoenobaenus				•				
1	Marsh Warbler	Acrocephalus palustris				•	ĺ	Ì	1	l

ENGLISH NAME	SCIENTIFIC NAME	3rd	4 th	2th	eth	₽.	8 _{th}	oth dth	4
Reed Warbler	Acrocephalus scirpaceus						♦		
Great Reed Warbler	Acrocephalus arundinaceus				♦				
Family Phylloscopida	ae (Leaf Warblers)								
Chiffchaff	Phylloscopus collybita		♦	♦		♦	♦	♦	
Family Regulidae (C	rests)								
Goldcrest	Regulus regulus			♦					
Firecrest	Regulus ignicapillus			♦					
Family Paridae (Tits									
Great Tit	Parus major		♦	♦	♦	♦	♦	♦	
Coal Tit	Periparus ater		Н	♦			•	♦	
Blue Tit	Cyanistes caeruleus					♦			
Marsh Tit	Poecile palustris					♦			Ī
Family Aegithalidae	(Long-tailed Tits)								
Long-tailed Tit	Aegithalos caudatus		♦	♦				Н	Ī
Family Remizidae (P	enduline Tits)								
Penduline Tit	Remiz pendulinus				♦				
Family Sittidae (Nut									
Nuthatch	Sitta europaea			Н		♦	♦	♦	Ī
Family Trichodromid									
Wallcreeper	Tichodroma muraria		♦						Ī
Family Laniidae (Shi									
Great Grey Shrike	Lanius excubitor								Ī
Red-backed Shrike	Lanius collurio	•		•	•	•	•	•	t.
Family Corvidae (Cre		·		·	Ť	Ť			
Magpie	Pica pica	•	•	•	•	•	•	•	٢
Jay	Garrulus glandarius		•	•	Ť	Ť	•	•	ţ,
Jackdaw	Corvus monedula	•	Ť	Ť	•	•	•	Ť	t.
Rook	Corvus frugilegus			•	•	Š	•	×	t.
Hooded Crow	Corvus cornix	•	•	•	•	•	•	×	t.
Raven	Corvus corax	•	•	•	•	<u>×</u>	•	Ť	ł
Family Sturnidae (St			•	•	•	•	Ť	Ť	
Starling	Sturnus vulgaris						♦		F
	ž		•	•	•	•	Ť	Ť	
Family Oriolidae (Or Golden Oriole	Oriolus oriolus				ш	Ц	♦	Ц	F
Family Passeridae (S					П	П	Ť		L
	Passer domesticus								ļ
House Sparrow			*	_	•	•	*	$\stackrel{\checkmark}{\rightarrow}$	ł
Tree Sparrow	Passer montanus		•		•		_		
Family Fringillidae (F
Chaffinch	Fringilla coelebs	•	*	•	•	*	*	*	Ł
Linnet	Carduelis cannabina		▼			▼	▼	~	ļ
Goldfinch	Carduelis carduelis		▼	▼	▼	•	▼	▼	ļ
Greenfinch	Carduelis chloris		▼	▼	<u> </u>	<u> </u>	▼	<u> </u>	ļ
Siskin	Carduelis spinus		-		<u> </u>		<u> </u>		ļ
Serin	Serinus serinus		_	_	<u> </u>	•	<u> </u>	*	1
Hawfinch	Coccothraustes coccothraustes					◆		•	ļ
Family Emberizidae								٠	
Reed Bunting	Emberiza schoeniclus		<u> </u>	<u> </u>	•	<u> </u>	<u> </u>	•	ļ
Yellowhammer	Emberiza citronella		♦	•		♦	•	•	L
Corn Bunting	Emberiza calandra		1	1					1.

ENGLISH NAME	SCIENTIFIC NAME	3rd	4 th	5th	9 th	J th	%	9th
MAMMALS								
Carnivores	Human austra							
Brown Bear	Ursus arctos			•	_			•
Red Fox Beech Marten	Vulpes vulpes Martes foina	D			•	•	•	•
Weasel	Mustela nivalis	-						Н
Ungulates	Musicia Mivalis					•		
Roe Deer	Capreolus capreolus							•
Carpathian Chamois	Rupicapra (rupicapra) carpatica		•					•
Rodents, Insectivores and			•					
Brown Hare	Lepus europeus					•		
Rabbit	Oryctolagus cuniculus					•	•	
Red Squirrel	Sciurus vulgaris			•			*	
European Beaver	Castor fiber			•	S			
Striped Field Mouse	Apodemus agrarius				3	•		
Wood Mouse	Apodemus sylvaticus					–	D	\vdash
rrood Piouse	проистив зутчансив		l	l .	l	<u> </u>	ען	
AMPHIBIANS								
Fire Salamander	Salamandra salamandra		♦					
Alpine Newt	Ichthyosaura alpestris			♦				
Yellow-bellied Toad	Bombina variegate					♦	♦	♦
Agile Frog	Rana dalmatina		♦			•		
Marsh Frog	Rana ridibunda				•			•
Sand Lizard Eastern Slow Worm	Lacerta agilis Anguis colchica					•		◆
Grass Snake	Natrix natrix				_			ע
Glass Sliake	INAUIX HAUIX				•		•	ш
ENGLISH NAME	SCIENTIFIC NAME	P	£	£	₽	£	£	£
ENGLISH NAME	SCIENTIFIC NAME	3rd	4th	5th	♦	Jth.	V	9th
ENGLISH NAME LEPIDOPTERA - Butterflie	SCIENTIFIC NAME	3rd	4th	5th	♦	7th	V th	9th
ENGLISH NAME LEPIDOPTERA - Butterflie Family Hesperiidae (Skipp Large Skipper	SCIENTIFIC NAME	3rd	4th	5th	♦	Jth	V	♦
ENGLISH NAME LEPIDOPTERA - Butterflie Family Hesperiidae (Skipp Large Skipper Family Pieridae (Whites)	SCIENTIFIC NAME	3rd	4th	5th	♦	Jth	V	♦
ENGLISH NAME LEPIDOPTERA - Butterflie Family Hesperiidae (Skip	SCIENTIFIC NAME	3rd	4th	5th	•	7th	♦	♦
ENGLISH NAME LEPIDOPTERA - Butterflie Family Hesperiidae (Skipp Large Skipper Family Pieridae (Whites)	SCIENTIFIC NAME es pers) Ochlodes sylvanus	3rd	4th	Sth	♦	♦	8 _{th}	♦
ENGLISH NAME LEPIDOPTERA - Butterflie Family Hesperiidae (Skipp Large Skipper Family Pieridae (Whites) Fenton's Wood White	SCIENTIFIC NAME es pers) Ochlodes sylvanus Leptidea morsei	3 _{rd}	4th	5th	♦	₹	8 _{th}	♦
ENGLISH NAME LEPIDOPTERA - Butterflie Family Hesperiidae (Skipp Large Skipper Family Pieridae (Whites) Fenton's Wood White Orange Tip	SCIENTIFIC NAME Scientific name Ders) Ochlodes sylvanus Leptidea morsei Anthocharis cardamines	3 _{rd}	4th	Sth	◆ Ptp	₹	8th	♦
ENGLISH NAME LEPIDOPTERA - Butterflie Family Hesperiidae (Skipp Large Skipper Family Pieridae (Whites) Fenton's Wood White Orange Tip Black-veined White	SCIENTIFIC NAME Ders) Ochlodes sylvanus Leptidea morsei Anthocharis cardamines Aporia crataegi	p.E	4th	5th	◆	♦ ♦	₩ 8tt	♦
ENGLISH NAME LEPIDOPTERA - Butterflie Family Hesperiidae (Skipp Large Skipper Family Pieridae (Whites) Fenton's Wood White Orange Tip Black-veined White Large White	SCIENTIFIC NAME Sersion Ochlodes sylvanus Leptidea morsei Anthocharis cardamines Aporia crataegi Pieris brassicae Colias crocea	3rd	4th	Sth	◆	♦	8th	♦
ENGLISH NAME LEPIDOPTERA - Butterflie Family Hesperiidae (Skip) Large Skipper Family Pieridae (Whites) Fenton's Wood White Orange Tip Black-veined White Large White Clouded Yellow	SCIENTIFIC NAME Sersion Ochlodes sylvanus Leptidea morsei Anthocharis cardamines Aporia crataegi Pieris brassicae Colias crocea	3tq	4th	2th	◆♦	♦ ♦	8t+	•
ENGLISH NAME LEPIDOPTERA - Butterflie Family Hesperiidae (Skipp Large Skipper Family Pieridae (Whites) Fenton's Wood White Orange Tip Black-veined White Large White Clouded Yellow Berger's/Pale Clouded Yellow	SCIENTIFIC NAME Ders) Ochlodes sylvanus Leptidea morsei Anthocharis cardamines Aporia crataegi Pieris brassicae Colias crocea Colias alfacariensis/hyale Colias alfacariensis	349	4th	Sth	◆◆♦	+ → →	#8 8	•
ENGLISH NAME LEPIDOPTERA - Butterflie Family Hesperiidae (Skipp Large Skipper Family Pieridae (Whites) Fenton's Wood White Orange Tip Black-veined White Large White Clouded Yellow Berger's/Pale Clouded Yellow Berger's Clouded Yellow Brimstone Family Lycaenidae (Blues	SCIENTIFIC NAME Ders) Ochlodes sylvanus Leptidea morsei Anthocharis cardamines Aporia crataegi Pieris brassicae Colias crocea Colias alfacariensis/hyale Colias alfacariensis Gonepteryx rhamni Coppers, Hairstreaks)	314	4th	2th	• • • • • • • • • • • • • • • • • • •	→ →	♦	•
ENGLISH NAME LEPIDOPTERA - Butterflie Family Hesperiidae (Skip) Large Skipper Family Pieridae (Whites) Fenton's Wood White Orange Tip Black-veined White Large White Clouded Yellow Berger's/Pale Clouded Yellow Berger's Clouded Yellow Brimstone Family Lycaenidae (Blues subfamily Lycaeninae (Co	SCIENTIFIC NAME Ders) Ochlodes sylvanus Leptidea morsei Anthocharis cardamines Aporia crataegi Pieris brassicae Colias crocea Colias alfacariensis/hyale Colias alfacariensis Gonepteryx rhamni G, Coppers, Hairstreaks) Oppers)	314	4th	2th	* *	* * *	*	•
ENGLISH NAME LEPIDOPTERA - Butterflie Family Hesperiidae (Skipp Large Skipper Family Pieridae (Whites) Fenton's Wood White Orange Tip Black-veined White Large White Clouded Yellow Berger's/Pale Clouded Yellow Berger's Clouded Yellow Brimstone Family Lycaenidae (Blues subfamily Lycaeninae (Collarge Copper	SCIENTIFIC NAME Ders) Ochlodes sylvanus Leptidea morsei Anthocharis cardamines Aporia crataegi Pieris brassicae Colias crocea Colias alfacariensis/hyale Colias alfacariensis Gonepteryx rhamni G, Coppers, Hairstreaks) Deppers) Lycaena dispar	3.rd	4th	Sth	* *	* * *	*	•
ENGLISH NAME LEPIDOPTERA - Butterflie Family Hesperiidae (Skipp Large Skipper Family Pieridae (Whites) Fenton's Wood White Orange Tip Black-veined White Large White Clouded Yellow Berger's/Pale Clouded Yellow Berger's Clouded Yellow Brimstone Family Lycaenidae (Blues subfamily Lycaeninae (Collarge Copper subfamily Theclinae (Hair	SCIENTIFIC NAME Ders) Ochlodes sylvanus Leptidea morsei Anthocharis cardamines Aporia crataegi Pieris brassicae Colias crocea Colias alfacariensis/hyale Colias alfacariensis Gonepteryx rhamni G, Coppers, Hairstreaks) Deppers) Lycaena dispar Testreaks)	3rd	4th	2th	* *	* * *	*	•
ENGLISH NAME LEPIDOPTERA - Butterflie Family Hesperiidae (Skipp Large Skipper Family Pieridae (Whites) Fenton's Wood White Orange Tip Black-veined White Large White Clouded Yellow Berger's/Pale Clouded Yellow Berger's Clouded Yellow Brimstone Family Lycaenidae (Blues subfamily Lycaeninae (Collarge Copper Subfamily Theclinae (Hair Green Hairstreak	SCIENTIFIC NAME Sepers) Ochlodes sylvanus Leptidea morsei Anthocharis cardamines Aporia crataegi Pieris brassicae Colias crocea Colias alfacariensis/hyale Colias alfacariensis Gonepteryx rhamni Coppers, Hairstreaks Deppers) Lycaena dispar Streaks Callophrys rubi	34q	4th	Sth	* *	* * *	*	•
ENGLISH NAME LEPIDOPTERA - Butterflie Family Hesperiidae (Skipp Large Skipper Family Pieridae (Whites) Fenton's Wood White Orange Tip Black-veined White Large White Clouded Yellow Berger's/Pale Clouded Yellow Berger's Clouded Yellow Brimstone Family Lycaenidae (Blues subfamily Lycaeninae (Collarge Copper subfamily Theclinae (Hair	SCIENTIFIC NAME Sepers) Ochlodes sylvanus Leptidea morsei Anthocharis cardamines Aporia crataegi Pieris brassicae Colias crocea Colias alfacariensis/hyale Colias alfacariensis Gonepteryx rhamni Coppers, Hairstreaks) Deppers) Lycaena dispar Testreaks) Callophrys rubi Satyrium pruni	314	4th	Sth	* *	* * *	*	•

ENGLISH NAME	SCIENTIFIC NAME	3rd	4 th	5th	eth	rp.	8th	9th	10 th
Silver-studded Blue	Plebejus argus				•	•	•	•	
Brown Argus	Aricia agestis				•				
Mazarine Blue	Cyaniris semiargus				♦		♦		
Common Blue	Polyommatus icarus				♦	♦	♦	♦	
Amanda's Blue	Polyommatus amandus						♦		
Adonis Blue	Polyommatus bellargus						♦		
Family Nymphalidae (Nym subfamily Nymphalinae (I	nphs, Fritillaries and Browns) Nymphs and Fritillaries)								
Small Pearl-bordered Fritillary	Boloria selene					♦			
Knapweed Fritillary	Melitaea phoebe				•		♦		
Heath Fritillary	Melitaea athalia					♦	♦		
Red Admiral	Vanessa atalanta			♦	♦		♦		
Painted Lady	Vanessa cardui			♦	♦	•	♦	♦	
Small Tortoiseshell	Aglais urticae							♦	
Мар	Araschnia levana					♦			
	wns, Graylings, Marbled Whites)								
Speckled Wood	Pararge aegeria			♦					
Ringlet	Aphantopus hyperantus					•			
Meadow Brown	Maniola jurtina				•		♦	♦	
Small Heath	Coenonympha pamphilus		♦		♦	♦	♦	♦	
Chestnut Heath	Coenonympha glycerion					♦	♦	♦	
Pearly Heath	Coenonympha arcania					♦		♦	
Woodland Ringlet	Erebia medusa		♦		♦				
LEPIDOPTERA - Moths Family Sesiidae (Clearwin	a Moths)								
Red-tipped Clearwing	Synanthedon formicaeformis				♦				
Family Zygaenidae (Fores									
a forester moth	<i>Adscita</i> sp.					♦		♦	
Family Drepanidae (Hook									
Barred Hook-tip	Watsonalla cultraria		♦					♦	
Family Sphingidae (Hawk									
Narrow-bordered Bee Hawk-	-						♦		
moth (caterpillar)	7.70.71.00.72.00.73.00								
Hummingbird Hawk-moth	Macroglossum stellatarum		•	•	•				
Family Geometridae (Geo									
Blood-vein	Timandra comae				♦				
Yellow Shell	Camtogramma bilineata			♦	♦				
Chimney Sweeper	Odezia atrata					♦		♦	
Latticed Heath	Chiasmia clathrata				♦		♦		
Speckled Yellow	Pseudopanthera macularia		♦	♦					
Black-veined Moth	Siona lineata				♦		♦	♦	
Family Erebidae (Underwi	ings, tigers, tussocks)								
Straw Dot	Rivula sericealis				♦				
Buff Ermine	Spilosoma lutea								•
Burnet Companion	Euclidia glyphica				♦		♦		
Mother Shipton	Euclidia mi				♦				
Family Noctuidae (Noctui									
Silver-Y	Autographa gamma				♦				
Spotted Sulphur	Acontia trabealis						♦		
Dark Brocade	Mniotype adusta		•						\vdash
	,,,	+		 	\vdash	\leftarrow	\vdash		t
Common Fanfoot	Pechipogo strigilata		ļ						

ENGLISH NAME COLEOPTERA - Beetles	SCIENTIFIC NAME	3rd	4 th	2th	9	±\	8th	
Family Carabidae (Grou								
Golden Ground Beetle	Carabus cf. auronitens		♦					
Family Cerambycidae (,	,			ļ
a longhorn beetle	Dorcadion pedestre							
Family Chrysomelidae								
Dead-nettle Leaf Beetle	Chrysolina cf fastuosa		•			<u> </u>	<u> </u>	_
Ant Bag Beetle	Clytra laeviuscula						<u> </u>	1
a leaf beetle	Galeruca tanaceti				♦			
Family Lucanidae (Stag								ļ
Stag Beetle	Lucanus cervus				•			
Family Scarabaeidae (S	i							
Rose Chafer	Cetonia aurata						_	4
Common Cockchafer	Melolontha melolontha					-	⊢	_
White Spotted Rose Beetle DIPTERA - Flies	Oxythyrea funesta							
Family Asilidae (Robbe	r Flies)							
Hornet Robberfly	Asilus crabroniformis					•		1
Family Syrphidae (Hove						Ť		I
Gossamer Hoverfly	Baccha elongata				•			ı
Marmalade Hoverfly	Episyrphus balteatus				Ť	_		-
Family Tipulidae (Crane								I
Tiger Cranefly	Nephrotoma crocata		♦					١
HEMIPTERA - Firebugs			·					ı
Family Coreidae (Leaf-								
Dock Bug	Coreus marginatus							•
Family Lygaeidae (Grou								ı
a ground bug	Spilostethus saxatilis				♦			•
a ground bug	Tropidothorax leucopterus				♦			
Family Pentatomidae (Shield Bugs)							
a shieldbug	Carpocoris cf pudicus							
Hairy Shieldbug	Dolycoris baccarum			♦				
Striped Shieldbug	Graphosoma lineatum					♦	♦	
Green Shieldbug	Palomena prasina			♦				
Family Pyrrhocoridae (
Firebug	Pyrrhocoris apterus					•	♦	
Family Reduviidae (Ass								ı
an assassin bug	Rhynocoris cf. cuspidatus							
HYMENOPTERA - Ants,								
	bees, Carpenter Bees, Honeybees)							l
Western Honeybee	Apis mellifera				•	*	▼	-
	ee Bombus lucorum/terrestris		♦			×	_	-
Common Carder Bee Family Vespidae (Euso	Bombus pascuorum		•			_		
European Paper Wasp	Polistes dominula							ı
European Hornet	Vespa crabro	+				•	•	_
NEUROPTERA - Net-wir								
Family Myrmeleontidae								
Antlion							♦	
ODONATA - Dragonflies	s. Damselflies							
Family Calopterygidae								
Beautiful Demoiselle	Calopteryx virgo						♦	
	(Pond Damselflies)	_		1	1			ı

ENGLISH NAME	SCIENTIFIC NAME	3rd	4 th	5th	6 th	7th	8th	9th	10 th
Blue-tailed Damse	elfly Ischnura elegans				♦				
Family Platycne	mididae (Featherlegs)								
White-legged Dan	nselfly Platycnemis pennipes				♦		♦	♦	
Family Calopter	ygidae (Demoiselles)								
Broad-bodied Cha	ser Libellula depressa							♦	
White-tailed Skimi	mer Orthetrum albistylum				♦				
ORTHOPTERA -	Grasshopers and Allies								
Wartbiter	Decticus verrucivorus				♦	♦			
Field Cricket	Gryllus campestris							♦	
ARACHNIDA - S	piders								
Napoleon Spider	Synema globosum							♦	
CRUSTACEA - C	rustaceans								
Tadpole Shrimp	Triops cancriformis							♦	
GASTROPODA -	Slugs, Snails								
Roman Snail	Helix pomatia		♦		♦				