



## FATAL ATTRACTION: ENDANGERED PLANT'S LOVERS

### List of pollinators of European endangered plants

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Within the framework of ConservePlants COST Action CA18201, the working group 1 compiled a **list of pollinators of European endangered plants** to improve the knowledge on pollinator communities important for the successful reproduction of these plants. To achieve this goal, WG1 developed 1) a bibliographic search to compile pollinators of threatened plants focused on the European Red List (developed within the scope of the PhD thesis of Sara Lopes, ECI); and 2) opened the call for participation on the “Fatal attraction” activity where researchers and stakeholders could contribute with pollinator’s data on threatened plant species (namely, CR, EN and VU) at European or at national level. Data was delivered by filling out an Excel table (Appendix 1) broadly disseminated through ConservePlants consortium and social media. **The results reported here refer to point 2, i.e., data collated in the “Fatal attraction” activity.**

**“Fatal attraction” activity enabled to compile the list of pollinators of European endangered plants.** The results reported here are preliminary and are being analysed and prepared for publication of an open database. These results give reply to the **Deliverable 2 of MoU of ConservePlants COST Action** and contribute significantly to our current knowledge.



The 'Fatal attraction' team includes 56 participants from 14 countries that contributed with data for pollinators of endangered plants in 16 European countries. The database collated has 2818 entrances and 814 taxa of floral visitors and pollinators of 231 plant taxa representing 52 families of European threatened plants. Pollinators are represented mostly by insects (Insecta, 97.8% of the records), with a few records of the Class Arachnida (1%), Aves (0.8%), Entognatha (0.2%) and Reptilia (0.1%). The most representative plant families are Orchidaceae and Brassicaceae (both with 9.1% of the records), followed by Caryophyllaceae (8.7%) and Ranunculaceae (7.4%). These include, 19% in Critical endangered (CR), 28% in Endangered (EN), 29% in Vulnerable (VU), 12% in Near Threatened (NT) and 12% in Least Concern (LC) status.

Below we provide several tables with the following information:

- Raw list of pollinators reported to visits endangered plants (Table 1);
- List of pollinators of European endangered plants by plant family (Table 2);
- List of contributors participating in this activity (Table 3);
- Database headline provided by the project "Fatal attraction" (Appendix 1).

Please note that further information is being analysed and prepared for publication of an open database.


**Table 1.** Raw list of pollinators reported to visits endangered plants.

Order	Family	Species complexes, Species or subspecies	No. entries
Araneae	Anyphaenidae		1
		<i>Anyphaena accentuata</i>	1
	Clubionidae		2
		<i>Clubiona pallidula</i>	1
		<i>Clubiona terrestris</i>	1
	Gryllotalpidae		1
		<i>Myrmeleon mariaemathildae</i>	1
	Linyphiidae		2
		<i>Agyneta sp.</i>	1
		<i>Bathyphantes setiger</i>	1
	Theridiidae		2
		<i>Enoplognatha ovata</i>	1
		<i>Episinus sp.</i>	1
	Thomisidae		2
<i>Synema globosum</i>		1	
<i>Xysticus sp.</i>		1	
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Coleoptera			202
Alleculidae		1	
	<i>Heliotaurus ruficollis</i>	1	
Bruchidae		1	
	<i>Spermophagus sp.</i>	1	
Cantharidae		3	
	<i>Cantharis nigricans</i>	1	
	<i>Rhagonycha fulva</i>	2	
Cantharinae		1	
	<i>Cantharis sp.</i>	1	
Cerambycidae		15	
	<i>Alosterna tabacicolor</i>	1	
	<i>Cerambyx scopolii</i>	1	
	<i>Certallum ebulinum</i>	1	
	<i>Dinoptera collaris</i>	1	
	<i>Grammoptera ruficornis</i>	2	
	<i>Paracorymbia stragulata</i>	1	
	<i>Stenurella nigra</i>	6	
<i>Stenurella sp.</i>	2		
Cetoniidae		1	
	<i>Oxythirea funesta</i>	1	
Chrysomelidae		16	



	<i>Agelastica alni</i>	1
	<i>Altica</i> sp.	1
	<i>Bruchinae</i> sp.	1
	<i>Bruchus</i> sp.	4
	<i>Chrysomela americana</i>	1
	<i>Cryptocephalus seriecus</i>	1
	<i>Cryptocephalus transcaucasicus</i>	1
	<i>Cryptocephalus transiens</i>	1
	<i>Derocrepis rufipes</i>	1
	<i>Phyllotreta</i> sp.	1
	<i>Plagiosterna aenea</i>	2
	<i>Psylliodes pallidipennis</i>	1
<b>Coccinellidae</b>		6
	<i>Coccinella septempunctata</i>	4
	<i>Harmonia</i> sp.	2
<b>Curculionidae</b>		3
	<i>Anthonomus</i> sp.	1
<b>Curculionidae</b>		1
	<i>Orchestes (Salius) fagi</i>	1
<b>Dasytidae</b>		2
	<i>Dasytes terminalis</i>	1
	<i>Psilothrix viridicoerulea</i>	1
<b>Dermestidae</b>		5
	<i>Anthrenus festivus</i>	1
	<i>Attagenus pello</i>	1
	<i>Attagenus trifasciatus</i>	3
<b>Elateridae</b>		4
	<i>Ampedus pomorum</i>	1
	<i>Cardiophorus gramineus</i>	1
	<i>Cardiophorus</i> sp.	2
<b>Malachidae</b>		4
	<i>Malachius bipustulatus</i>	4
	<i>Malachius laticollis</i>	1
	<i>Malachius lusitanicus</i>	1
	<i>Malachius</i> sp.	1
		1
<b>Meloidae</b>		3
	<i>Lytta vesicatoria</i>	1
	<i>Meloe violaceus</i>	1
	<i>Mylabris</i> sp.	1
<b>Melyridae</b>		15
	<i>Clanoptilus</i> sp.	1
	<i>Danacea</i> sp.	2



	<i>Dasytes nigropunctatus</i>	1
	<i>Dasytes plumbeus</i>	2
	<i>Dasytes sp.</i>	1
	<i>Dasytes subaeneus</i>	3
	<i>Enicopus ibericus</i>	1
	<i>Eunicopus sp.</i>	1
	<i>Psilothrix sp.</i>	1
	<i>Psilothrix viridicoerulea</i>	2
<b>Mordellidae</b>		6
	<i>Mordellistena gemellata</i>	3
	<i>Mordellistena spp.</i>	3
<b>Nitidulidae</b>		40
	<i>Brachypterus sp.</i>	1
	<i>Brassicogethes aeneus</i>	29
	<i>Brassicogethes sp.</i>	1
	<i>Lamiogethes pedicularis</i>	1
	<i>Meligethes aeneus</i>	2
	<i>Meligethes elongatus</i>	1
	<i>Meligethes maurus</i>	2
	<i>Meligethes minutus</i>	1
	<i>Meligethes sp.</i>	1
	<i>Meligethinus pallidulus</i>	1
<b>Oedemeridae</b>		36
	<i>Oedemera nobilis</i>	1
	<i>Oedemera atrata</i>	1
	<i>Oedemera femorata</i>	1
	<i>Oedemera flavipes</i>	16
	<i>Oedemera nobilis</i>	5
	<i>Oedemera sp.</i>	7
	<i>Oedemera tristis</i>	1
	<i>Oedemera virescens</i>	2
	<i>Oncomera fasciata</i>	2
<b>Rhadalidae</b>		1
	<i>Aplocnemus aubei</i>	1
<b>Scarabaeidae</b>		24
	<i>Cetonia aurata</i>	3
	<i>Omaloplia sp.</i>	1
	<i>Oxythyrea cinctella</i>	2
	<i>Oxythyrea funesta</i>	4
	<i>Tropinota hirta</i>	4
	<i>Tropinota sp.</i>	1
	<i>Tropinota squalida</i>	8



	<i>Valgus hemipterus</i>	1
<b>Scraptiidae</b>		2
	<i>Anaspis sp.</i>	2
	<i>Staphylinidae</i>	9
	<i>Amphichroum canaliculatum</i>	2
	<i>Amphichroum hirtellum</i>	1
	<i>Eusphalerum limbatum diolii</i>	1
	<i>Eusphalerum scribae</i>	1
	<i>Eusphalerum signatum subsp. angulatum</i>	2
	<i>Philonthus (Philonthus) frigidus</i>	1
	<i>Quedius alpestris</i>	1
	<i>Staphylinidae</i>	1
	<i>Anthobium sp.</i>	1
<b>Tenebrionidae</b>		3
	<i>Cteniopus sulphureus</i>	1
	<i>Lagria hirta</i>	1
	<i>Isomira murina</i>	1
<b>Dermaptera</b>		2
	<b>Forficulidae</b>	2
	<i>Apterygida albipennis</i>	2
<b>Diptera</b>		660
	<b>Agromyzidae</b>	1
	<i>Phytomyza fuscula</i>	1
	<b>Anthomyiidae</b>	15
	<i>Botanophila sp.</i>	2
	<i>Delia platura</i>	3
	<i>Delia sp.</i>	1
	<i>Paregle coerulescens</i>	4
	<i>Pegoplata aestiva</i>	2
	<i>Pegoplata sp.</i>	1
	<i>Zaphne frontata</i>	2
	<b>Bibionidae</b>	4
	<i>Bibio marci</i>	1
	<i>Bibio sp.</i>	3
	<b>Bombyliidae</b>	166
	<i>Anastoechus hyrcanus</i>	1
	<i>Anthrax trifasciatus</i>	1
	<i>Bombylius ater</i>	2
	<i>Bombylius canescens</i>	3
	<i>Bombylius cruciatus</i>	3
	<i>Bombylius discolor</i>	10
	<i>Bombylius fimbriatus</i>	19



	<i>Bombylius fulvescens</i>	1
	<i>Bombylius fuscus</i>	1
	<i>Bombylius major</i>	41
	<i>Bombylius medius</i>	2
	<i>Bombylius minor</i>	5
	<i>Bombylius sp.</i>	58
	<i>Bombylius torquatus</i>	1
	<i>Bombylius venosus</i>	2
	<i>Exhyalanthrax afer</i>	1
	<i>Exhyalanthrax melanchlaenus</i>	1
	<i>Exoprosopa italica</i>	1
	<i>Hemipenthes morio</i>	1
	<i>Hemipenthes velutina</i>	1
	<i>Lomatia sp.</i>	1
	<i>Lomatia lateralis</i>	2
	<i>Lomatia sp.</i>	1
	<i>Systoechus gradatus</i>	1
	<i>Systoechus sp.</i>	1
	<i>Thyridanthrax elegans</i>	1
	<i>Thyridanthrax nebulosus</i>	1
	<i>Thyridanthrax sp.</i>	1
	<i>Usia sp.</i>	1
	<i>Villa brunnea</i>	1
<b>Calliphoridae</b>		41
	<i>Bellardia sp.</i>	1
	<i>Bellardia stricta</i>	1
	<i>Bellardia viarum</i>	1
	<i>Bellardia vulgaris</i>	1
	<i>Calliphora sp.</i>	3
	<i>Calliphora stelviana</i>	1
	<i>Calliphora vicina</i>	2
	<i>Calliphora vomitoria</i>	6
	<i>Cynomya mortuorum</i>	2
	<i>Lucila silvarum</i>	1
	<i>Lucilia bufonivora</i>	1
	<i>Lucilia caesar</i>	4
	<i>Lucilia illustris</i>	1
	<i>Lucilia pilosiventris</i>	1
	<i>Lucilia sericata</i>	1
	<i>Lucilia silvarum</i>	1
	<i>Melinda sp.</i>	1
	<i>Pollenia amentaria</i>	1



	<i>Pollenia angustigena</i>	1
	<i>Pollenia griseotomentosa</i>	1
	<i>Pollenia hungarica</i>	1
	<i>Pollenia labialis</i>	1
	<i>Pollenia pediculata</i>	1
	<i>Pollenia rudis</i>	1
	<i>Pollenia sp.</i>	2
	<i>Pollenia vera</i>	1
	<i>Protocaliphora sp.</i>	1
	<i>Stomorphina lunata</i>	1
<b>Chironomidae</b>		<b>3</b>
	<i>Camptocladius stercorarius</i>	1
	<i>Parorthocladius nudipennis</i>	1
	<i>Smittia sp.</i>	1
<b>Chloropidae</b>		<b>5</b>
	<i>Aphanotrigonum nigripes</i>	1
	<i>Elachiptera cornuta</i>	1
	<i>Oscinella frit</i>	3
<b>Conopidae</b>		<b>3</b>
	<i>Muopa sp.</i>	1
	<i>Thecophora sp.</i>	1
	<i>Zodion sp.</i>	1
<b>Drosophilidae</b>		<b>5</b>
	<i>Drosophila transversa</i>	1
	<i>Scaptomyza pallida</i>	3
	<i>Sceptomyza graminium</i>	1
<b>Empididae</b>		<b>26</b>
	<i>Empis opaca</i>	1
	<i>Empis sp.</i>	6
	<i>Empis tessellata</i>	19
<b>Fanniidae</b>		<b>1</b>
	<i>Fannia canicularis</i>	1
	<i>Fanniidae</i>	3
	<i>Fannia norvegica</i>	1
	<i>Fannia parva</i>	1
	<i>Fannia sp.</i>	1
<b>Muscidae</b>		<b>47</b>
	<i>Coenosia tigrina</i>	1
	<i>Drymeia tetra</i>	1
	<i>Hydrotaea pellucens</i>	1
	<i>Limnophora obsignata</i>	2
	<i>Lispe nana</i>	3



	<i>Mesembrina meridiana</i>	1
	<i>Musca domestica</i>	1
	<i>Phaonia angelicae</i>	1
	<i>Pyrellia rapax</i>	1
	<i>Thricops semicinereus</i>	35
<b>Mythicomyiidae</b>		1
	<i>Empidideicus sp.</i>	1
<b>Nemestrinidae</b>		3
	<i>Fallenia fasciata</i>	3
<b>Phoridae</b>		5
	<i>Megaselia rufipes</i>	1
	<i>Megaselia sp.</i>	3
	<i>Phora sp.</i>	1
<b>Sarcophagidae</b>		24
	<i>Helicophagella sp.</i>	1
	<i>Parasarcophaga sp.</i>	1
	<i>Sarcotachina umbrinervis</i>	1
	<i>Sarcophaga villeneuvei</i>	1
	<i>Sarcophaga africa</i>	1
	<i>Sarcophaga carnaria</i>	1
	<i>Sarcophaga granulata</i>	1
	<i>Sarcophaga incisilobata</i>	1
	<i>Sarcophaga longestylata</i>	1
	<i>Sarcophaga melanura</i>	1
	<i>Sarcophaga morphospecies</i>	1
	<i>Sarcophaga nigriventris</i>	1
	<i>Sarcophaga sinuata</i>	1
	<i>Sarcophaga sp.</i>	7
	<i>Sarcophaga variegata</i>	1
	<i>Sarcophaga villeneuvei</i>	1
	<i>Sarcophagidae sp.</i>	1
	<i>Sarcotachina sp.</i>	1
<b>Scathophagidae</b>		3
	<i>Scathophaga stercoraria</i>	2
	<i>Scatophaga sp.</i>	1
<b>Sciaridae</b>		4
	<i>Corynoptera trepida</i>	1
	<i>Ctenosciara hyalipennis</i>	1
	<i>Leptosciarella hispida</i>	1
	<i>Sciara sp.</i>	1
<b>Sphaeroceridae</b>		4
	<i>Leptocera caenosa</i>	2



	<i>Opalimosina (Opalimosina) mirabilis</i>	1
	<i>Spelobia clunipes</i>	1
<b>Stratiomyidae</b>		2
	<i>Chloromyia formosa</i>	1
	<i>Odontomyia ornata</i>	1
<b>Syrphidae</b>		268
	<i>Allograpta nasuta</i>	1
	<i>Cheilosia morio</i>	1
	<i>Cheilosia pagana</i>	1
	<i>Cheilosia sp.</i>	5
	<i>Cheilosia variabilis</i>	2
	<i>Chrysotoxum cautum</i>	1
	<i>Chrysotoxum festivum</i>	2
	<i>Chrysotoxum intermedium</i>	3
	<i>Chrysotoxum lessonae</i>	1
	<i>Dasysyrphus albostrigatus</i>	1
	<i>Dasysyrphus friuliensis</i>	1
	<i>Dasysyrphus venustus</i>	1
	<i>Epistrophe eligans</i>	1
	<i>Episyrphus balteatus</i>	17
	<i>Episyrphus sp.</i>	9
	<i>Eristalinus aeneus</i>	2
	<i>Eristalinus sp.</i>	1
	<i>Eristalis arbustorum</i>	4
	<i>Eristalis rupium</i>	2
	<i>Eristalis similis</i>	2
	<i>Eristalis sp.</i>	2
	<i>Eristalis tenax</i>	16
	<i>Ersitalis anthophorina</i>	1
	<i>Ersitalis arbustorum</i>	1
	<i>Ersitalis rupium</i>	1
	<i>Ersitalis similis</i>	1
	<i>Eumerus amoenus</i>	2
	<i>Eumerus basalis</i>	2
	<i>Eumerus pulchellus</i>	2
	<i>Eumerus pusillus</i>	2
	<i>Eupeodes corollae</i>	4
	<i>Eupeodes lapponicus</i>	3
	<i>Eupeodes luniger</i>	1
	<i>Eupeodes sp.</i>	1
	<i>Helophilus hybridus</i>	1
	<i>Helophilus trivittatus</i>	3



<i>Lapposyrphus lapponicus</i>	2
<i>Lejogaster metallina</i>	1
<i>Melangyna lasiophthalma</i>	1
<i>Melanostoma certum</i>	1
<i>Melanostoma mellinum</i>	3
<i>Melanostoma scalare</i>	13
<i>Melanostoma sp.</i>	4
<i>Meliscaeva auricollis</i>	3
<i>Merodon aurifer</i>	2
<i>Merodon avidus</i>	2
<i>Merodon avium/moenium</i>	1
<i>Merodon equestris</i>	2
<i>Merodon italicus</i>	2
<i>Myathropa florea</i>	3
<i>Neoascia podagrica</i>	1
<i>Paragus bicolor</i>	2
<i>Paragus haemorrhous</i>	1
<i>Paragus quadrifasciatus</i>	2
<i>Paragus sp.</i>	1
<i>Paragus tibialis</i>	3
<i>Parasyrphus punctulatus</i>	1
<i>Parasyrphus nigratarsis</i>	1
<i>Pipiza austriaca</i>	1
<i>Platycheirus albimanus</i>	14
<i>Platycheirus holarcticus</i>	1
<i>Platycheirus scutatus</i>	2
<i>Platycheirus sp.</i>	1
<i>Platynochaetus setosus</i>	5
<i>Rhingia campestris</i>	1
<i>Rhingia rostrata</i>	1
<i>Rhinigia campestris</i>	1
<i>Sasysyrphus albostrigatus</i>	1
<i>Scaeva selenitica</i>	1
<i>Scaeva albomaculata</i>	3
<i>Scaeva dignota</i>	1
<i>Scaeva pyrastris</i>	6
<i>Scaeva pyrastrisii</i>	1
<i>Scaeva selenitica</i>	2
<i>Scaeva sp.</i>	3
<i>Spaerophoria scripta</i>	1
<i>Sphaerophoria scripta</i>	1
<i>Sphaerophoria latifasciatus</i>	1



	<i>Sphaerophoria rueppellii</i>	1
	<i>Sphaerophoria scripta</i>	10
	<i>Sphaerophoria scripta</i>	2
	<i>Sphaerophoria spp.</i>	5
	<i>Syritta pipiens</i>	8
	<i>Syrphus latifasciatus</i>	1
	<i>Syrphus ribesii</i>	9
	<i>Syrphus sp.</i>	12
	<i>Syrphus torvus</i>	1
	<i>Syrphus vitripennis</i>	2
	<i>Triglyphus primus</i>	1
	<i>Volucella pellucens</i>	2
	<i>Xanthogramma marginale</i>	1
	<i>Xanthogramma pedissequum</i>	2
	<i>Helophilus pendulus</i>	1
<b>Tabanidae</b>		1
	<i>Haematopota pluvialis</i>	1
<b>Tachinidae</b>		9
	<i>Besseria lateritia</i>	1
	<i>Besseria sp.</i>	1
	<i>Besseria zonaria</i>	1
	<i>Eurithia intermedia</i>	1
	<i>Exorista sp.</i>	1
	<i>Fausta nemorum</i>	1
	<i>Huebneria affinis</i>	1
	<i>Hyleorus elatus</i>	1
	<i>Voria ruralis</i>	1
<b>Tephritidae</b>		4
	<i>Dasyneura sp.</i>	2
	<i>Terellia ceratocera</i>	1
	<i>Terrelia luteola</i>	1
<b>Entomobryomorpha</b>		3
	<b>Entomobryidae</b>	3
	<i>Orchesella arcuata</i>	2
	<i>Orchesella sp.</i>	1
<b>Hemiptera</b>		30
	<b>Aphididae</b>	12
	<i>Acyrtosiphon malvae</i>	1
	<i>Brachycaudus sp.</i>	1
	<i>Chaitophorus sp.</i>	1
	<i>Cinara sp.</i>	4
	<i>Elatobium abietinum</i>	1



	<i>Eulachnus sp.</i>	1
	<i>Macrosiphoniella sp.</i>	1
	<i>Periphyllus sp.</i>	1
	<i>Rhopalosiphum maidis</i>	1
<b>Coreidae</b>		1
	<i>Syromastus rhombeus</i>	1
<b>Cydnidae</b>		1
	<i>Tritomegas sp.</i>	1
<b>Lygaeidae</b>		3
	<i>Lygaeus militaris</i>	2
	<i>Lygaeus sp.</i>	5
	<i>Lygaeidae</i>	1
<b>Miridae</b>		4
	<i>Centrocoris sp.</i>	1
	<i>Chlamydatus sp.</i>	1
	<i>Hadrodemus m-flavum</i>	2
<b>Pentatomidae</b>		7
	<i>Dolycoris baccarum</i>	1
	<i>Eurydema oleracea</i>	4
	<i>Holcostethus sphacelatus</i>	1
	<i>Piezodorus lituratus</i>	1
<b>Stenocephalidae</b>		1
	<i>Dicranocephalus sp.</i>	1
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<b>Hymenoptera</b>		1563
<b>Andrenidae</b>		134
	<i>Andreana sp.</i>	16
	<i>Andrena agilissima</i>	1
	<i>Andrena albicans</i>	1
	<i>Andrena bicolor</i>	3
	<i>Andrena cineraria</i>	6
	<i>Andrena fabrella</i>	1
	<i>Andrena flavipes</i>	3
	<i>Andrena fucata</i>	1
	<i>Andrena fulva</i>	5
	<i>Andrena haemorrhhoa</i>	2
	<i>Andrena helvola</i>	1
	<i>Andrena jacobi</i>	1
	<i>Andrena lapponica</i>	3
	<i>Andrena mitis</i>	1
	<i>Andrena nana</i>	2
	<i>Andrena nitida</i>	1
	<i>Andrena orotavensis</i>	1



	<i>Andrena parvula</i>	1
	<i>Andrena pilipes</i>	5
	<i>Andrena praecox</i>	2
	<i>Andrena rogenhoferi</i>	1
	<i>Andrena russula</i>	18
	<i>Andrena similis</i>	1
	<i>Andrena sp.</i>	46
	<i>Andrena subopaca</i>	3
	<i>Andrena thoracica</i>	1
	<i>Evylaeus (Lasioglossum) calceatus</i>	1
	<i>Melitturga caudata</i>	3
	<i>Panurgus banksianus</i>	1
	<i>Panurgus cephalotes</i>	1
	<i>Panurgus spp.</i>	9
<b>Apidae</b>		<b>700</b>
	<i>Amegilla quadrifasciata</i>	2
	<i>Anthophora aestivalis</i>	3
	<i>Anthophora agama</i>	1
	<i>Anthophora alluaudi alluaudi</i>	1
	<i>Anthophora atroalba</i>	1
	<i>Anthophora balearica</i>	1
	<i>Anthophora balneorum</i>	3
	<i>Anthophora bimaculata</i>	1
	<i>Anthophora crassipes</i>	1
	<i>Anthophora dalmatica</i>	2
	<i>Anthophora dispar</i>	5
	<i>Anthophora furcata</i>	2
	<i>Anthophora hispanica</i>	4
	<i>Anthophora leucophaea</i>	1
	<i>Anthophora plumipes</i>	62
	<i>Anthophora pubescens</i>	1
	<i>Anthophora romandii</i>	2
	<i>Anthophora sichelii</i>	3
	<i>Anthophora sp.</i>	13
	<i>Anthopora bimaculata</i>	1
	<i>Apis mellifera</i>	125
	<i>Bombus argillaceus</i>	1
	<i>Bombus bohemicus</i>	1
	<i>Bombus canariensis</i>	4
	<i>Bombus distinguendus</i>	3
	<i>Bombus haematurus</i>	2
	<i>Bombus hortorum</i>	12



<i>Bombus humilis</i>	4
<i>Bombus hypnorum</i>	1
<i>Bombus jonellus</i>	6
<i>Bombus lapidarius</i>	38
<i>Bombus lucorum</i>	17
<i>Bombus muscorum</i>	2
<i>Bombus niveatus</i>	1
<i>Bombus pascuorum</i>	57
<i>Bombus pratorum</i>	31
<i>Bombus ruderarius</i>	5
<i>Bombus ruderatus</i>	2
<i>Bombus soroeensis</i>	3
<i>Bombus sp.</i>	23
<i>Bombus subterraneus</i>	1
<i>Bombus sylvarum</i>	4
<i>Bombus sylvestris</i>	2
<i>Bombus terrestris</i>	121
<i>Bombus terrestris lusitanicus</i>	6
<i>Bombus terrestris sassaricus</i>	1
<i>Bombus terrestris/lucorum</i>	6
<i>Bombus vestalis</i>	9
<i>Ceratina chalcites</i>	1
<i>Ceratina chalybea</i>	2
<i>Ceratina cucurbitina</i>	24
<i>Ceratina cyanea</i>	3
<i>Ceratina spp.</i>	4
<i>Eucera barbiventris</i>	1
<i>Eucera elongatula</i>	1
<i>Eucera longicornis</i>	7
<i>Eucera nigrescens</i>	9
<i>Eucera nigrilabris</i>	2
<i>Eucera sp.</i>	2
<i>Habropoda tarsata</i>	17
<i>Melecta luctuosa</i>	1
<i>Melecta sp.</i>	3
<i>Nomada panzeri</i>	2
<i>Nomada sp.</i>	3
<i>Psithyrus sp.</i>	1
<i>Thyreus histrionicus</i>	1
<i>Thyreus sp.</i>	1
<i>Xylocopa iris</i>	1
<i>Xylocopa violacea</i>	17



<b>Argidae</b>		2
	<i>Arge pagana</i>	1
	<i>Arge sp.</i>	1
<b>Braconidae</b>		10
	<i>Aphidius avenae</i>	1
	<i>Aphidius ervi</i>	4
	<i>Aphidius sp.</i>	2
	<i>Chorebus sp.</i>	1
	<i>Diaeretiella sp.</i>	2
<b>Chalcididae</b>		1
	<i>Dirhinus sp.</i>	1
<b>Chrysididae</b>		8
	<i>Chrysis soror</i>	2
	<i>Chrysi sp.</i>	1
	<i>Chrysura cuprea</i>	3
	<i>Chrysura varicornis</i>	2
<b>Cimbicidae</b>		1
	<i>Abia sericea</i>	1
	<b>Colletidae</b>	21
	<i>Colletes eous</i>	2
	<i>Colletes hylaeiformis</i>	1
	<i>Colletes sp.</i>	1
	<i>Colletes succinctus</i>	2
	<i>Hylaeus brevicornis</i>	1
	<i>Hylaeus clypearis</i>	2
	<i>Hylaeus dilatatus</i>	1
	<i>Hylaeus hyalinatus</i>	2
	<i>Hylaeus imparilis</i>	2
	<i>Hylaeus pictus</i>	2
	<i>Hylaeus punctatus</i>	1
	<i>Hylaeus signatus</i>	2
	<i>Hylaeus variegatus</i>	2
<b>Crabronidae</b>		8
	<i>Argogorytes mystaceus</i>	2
	<i>Bembix flavescens</i>	1
	<i>Bembix oculata</i>	1
	<i>Ectemnius sp.</i>	1
	<i>Stizus ruficornis</i>	1
	<i>Tachysphex sp.</i>	1
	<i>Tachytes freygessneri</i>	1
<b>Encyrtidae</b>		1
	<i>Blastothrix turanica</i>	1



<b>Eulophidae</b>		4
	<i>Baryscapus sp.</i>	1
	<i>Elachertus sp.</i>	1
	<i>Necremnus cosconius</i>	1
	<i>Sympiesis sp.</i>	1
<b>Eumeninae</b>		4
	<i>Alastor atropos</i>	2
	<i>Symmorphus gracilis</i>	2
<b>Formicidae</b>		109
	<i>Aphaenogaster sp.</i>	2
	<i>Camponotus cruentatus</i>	4
	<i>Camponotus lateralis</i>	2
	<i>Camponotus ruber</i>	2
	<i>Crematogaster auberti</i>	1
	<i>Formica clara</i>	1
	<i>Formica fusca</i>	1
	<i>Formica lemani</i>	9
	<i>Formica lugubris</i>	1
	<i>Formica rufa</i>	6
	<i>Formica rufibarbis</i>	1
	<i>Formica sanguinea</i>	1
	<i>Lasius (Dendrolasius) fuliginosus</i>	1
	<i>Lasius cinereus</i>	2
	<i>Lasius flavus</i>	5
	<i>Lasius grandis</i>	10
	<i>Lasius niger</i>	26
	<i>Lasius psammophilus</i>	1
	<i>Lasius sp.</i>	2
	<i>Leptothorax acervorum</i>	2
	<i>Leptothorax sp.</i>	1
	<i>Linepithema humile</i>	1
	<i>Myrmica rubra</i>	1
	<i>Myrmica rubra</i>	1
	<i>Myrmica schencki</i>	1
	<i>Myrmica sulcinodis</i>	2
	<i>Myrmica xavieri</i>	1
	<i>Pheidole pallidula</i>	5
	<i>Plagiolepis pygmaea</i>	10
	<i>Tapinoma madeirense</i>	3
	<i>Tapinoma nigerrimum</i>	1
	<i>Temnothorax recedens</i>	2
	<i>Temnothorax specularis</i>	1



<b>Gasteruptiidae</b>		1
	<i>Gasteruption sp.</i>	1
<b>Halictidae</b>		253
	<i>Ceylalictus variegatus</i>	2
	<i>Dufourea minta</i>	1
	<i>Dufourea trautmanii</i>	1
	<i>Halictus calcaetum</i>	1
	<i>Halictus fulvipes</i>	1
	<i>Halictus gr. simplex</i>	7
	<i>Halictus maculatus</i>	4
	<i>Halictus patellatus</i>	1
	<i>Halictus rubicundus</i>	10
	<i>Halictus scabiosae</i>	12
	<i>Halictus simplex</i>	1
	<i>Halictus sp.</i>	9
	<i>Halictus subauratus</i>	2
	<i>Halictus subauratus meridionalis</i>	2
	<i>Halictus tumulorum</i>	2
	<i>Lasioglossum aeratum</i>	3
	<i>Lasioglossum albipes</i>	14
	<i>Lasioglossum albocinctum</i>	1
	<i>Lasioglossum anellus</i>	2
	<i>Lasioglossum bavaricum</i>	1
	<i>Lasioglossum calceatum/albipes</i>	3
	<i>Lasioglossum capitalis</i>	1
	<i>Lasioglossum convexiusculum</i>	1
	<i>Lasioglossum corvinum</i>	1
	<i>Lasioglossum fulvicorne</i>	2
	<i>Lasioglossum glabriusculum</i>	2
	<i>Lasioglossum interruptum</i>	14
	<i>Lasioglossum laevigatum</i>	2
	<i>Lasioglossum laticeps</i>	2
	<i>Lasioglossum leucozonium</i>	2
	<i>Lasioglossum loetum</i>	1
	<i>Lasioglossum malachurum</i>	3
	<i>Lasioglossum minutissimum</i>	2
	<i>Lasioglossum minutum</i>	1
	<i>Lasioglossum morio</i>	14
	<i>Lasioglossum nitidulum</i>	1
	<i>Lasioglossum politum</i>	2
	<i>Lasioglossum prasinum</i>	1
	<i>Lasioglossum punctatissimum</i>	2



	<i>Lasioglossum pygmaeum</i>	57
	<i>Lasioglossum sexnotatum</i>	3
	<i>Lasioglossum smeathmanellum</i>	2
	<i>Lasioglossum sp.</i>	37
	<i>Lasioglossum subhirtum</i>	1
	<i>Lasioglossum transitorium</i>	1
	<i>Lasioglossum viride</i>	2
	<i>Lasioglossum xanthopus</i>	3
	<i>Lasioglossum calceatum</i>	4
	<i>Nomioides sp.</i>	1
	<i>Seladonia smaragdula complex</i>	1
	<i>Sphecodes sp.</i>	3
	<i>Lasioglossum albomaculata</i>	1
	<i>Lasioglossum lativentre</i>	1
	<i>Lasioglossum morio</i>	1
	<i>Lasioglossum smeathmanellum</i>	1
<b>Ichneumonidae</b>		3
	<i>Aclastus sp.</i>	1
	<i>Diplazon sp.</i>	1
	<i>Probles (Microdiaparsis) caudiculatus</i>	1
<b>Megachilidae</b>		209
	<i>Anthidium manicatum</i>	5
	<i>Anthidium sp.</i>	2
	<i>Anthidium sticticum</i>	3
	<i>Chelostoma campanularum</i>	1
	<i>Chelostoma nigricorne</i>	1
	<i>Chelostoma sp.</i>	7
	<i>Coelioxys inermis</i>	1
	<i>Coelioxys rufescens</i>	1
	<i>Dasypoda hirtipes</i>	1
	<i>Heriades rubicola</i>	4
	<i>Hoplitis adunca</i>	1
	<i>Megachile apicalis</i>	1
	<i>Megachile centuncularis</i>	2
	<i>Megachile circumcincta</i>	26
	<i>Megachile deceptoris</i>	1
	<i>Megachile ericetorum</i>	1
	<i>Megachile giraudi</i>	1
	<i>Megachile laechella</i>	8
	<i>Megachile lefebvrei</i>	2
	<i>Megachile maritima</i>	1
	<i>Megachile melanopyga</i>	1



	<i>Megachile parietina</i>	1
	<i>Megachile pilicrus</i>	1
	<i>Megachile pilidens</i>	3
	<i>Megachile sculpturalis</i>	1
	<i>Megachile sicula</i>	1
	<i>Megachile sp.</i>	4
	<i>Megachile spp.</i>	3
	<i>Megachile strymonia</i>	2
	<i>Osmia adunca</i>	1
	<i>Osmia aurulenta</i>	8
	<i>Osmia bicolor</i>	6
	<i>Osmia bicornis</i>	11
	<i>Osmia brevicornis</i>	1
	<i>Osmia caerulescens</i>	3
	<i>Osmia cornuta</i>	1
	<i>Osmia fallax</i>	1
	<i>Osmia ferruginea</i>	1
	<i>Osmia gallarum</i>	1
	<i>Osmia latreillei</i>	1
	<i>Osmia leaiana</i>	2
	<i>Osmia rufa</i>	20
	<i>Osmia sp.</i>	4
	<i>Osmia submicans</i>	1
	<i>Osmia tricornis</i>	1
	<i>Osmia cornuta</i>	39
	<i>Pseudoanthidium nanum</i>	1
	<i>Rhodanthidium septemdentatum</i>	9
	<i>Rhodanthidium sp.</i>	3
	<i>Rhodanthidium sticticum</i>	2
	<i>Stelis nasuta</i>	1
	<i>Stelis phaeoptera</i>	1
	<i>Stelis punctulatissima</i>	2
	<i>Stelis sp.</i>	1
<b>Megalodontesidae</b>		3
	<i>Magalodontes panzeri</i>	3
<b>Megaspilidae</b>		1
	<i>Dendrocerus rectangularis</i>	1
<b>Melittidae</b>		3
	<i>Coelioxys inermis</i>	1
	<i>Dasypoda hirtipes</i>	1
	<i>Melitta haemorrhoidalis</i>	1
	<i>Muscidae</i>	1



	<i>Pheidole pallidula</i>	1
<b>Mymaridae</b>		1
	<i>Gonatocerus sp.</i>	1
	<i>Platygastridae</i>	1
	<i>Trimorus arenicola</i>	1
<b>Scoliidae</b>		4
	<i>Colpa sexmaculata</i>	1
	<i>Megascolia bidens</i>	2
	<i>Scolia hirta</i>	1
<b>Sphecidae</b>		7
	<i>Ammophila heydeni</i>	1
	<i>Ammophila sp.</i>	1
	<i>Podalonia hirsute</i>	1
	<i>Prionyx sp.</i>	1
	<i>Prionyx subfuscatus</i>	1
	<i>Sceliphron destillatorium</i>	2
<b>Tenthredinidae</b>		9
	<i>Allantus cinctus</i>	1
	<i>Dolerus sp.</i>	1
	<i>Hoplocampa plagiata</i>	1
	<i>Macrophya montana</i>	1
	<i>Tenthredo marginella</i>	2
	<i>Tenthredo sp.</i>	3
<b>Torymidae</b>		1
	<i>Torymus baudysi</i>	1
<b>Vespidae</b>		61
	<i>Ancistrocerus sp.</i>	1
	<i>Dolichovesoula media</i>	2
	<i>Dolichovespula sylvestris</i>	2
	<i>Polistes bischoffi</i>	1
	<i>Polistes dominula</i>	2
	<i>Polistes gallicus</i>	9
	<i>Polistes latreille</i>	1
	<i>Polistes nimpha</i>	9
	<i>Polistes sp.</i>	3
	<i>Symmorphus sp.</i>	1
	<i>Vespa crabro</i>	3
	<i>Vespula germanica</i>	13
	<i>Vespula vulgaris</i>	13
<b>Lepidoptera</b>		295
	<b>Choreutidae</b>	1
	<i>Tebenna micalis</i>	1



<b>Coleophoridae</b>		1
	<i>Goniodoma limoniella</i>	1
<b>Crambidae</b>		1
	<i>Titania pollinaris</i>	1
<b>Erebidae</b>		2
	<i>Amata phegea</i>	1
	<i>Amata sp.</i>	1
<b>Glyphipterigidae</b>		1
	<i>Glyphipterix simpliciella</i>	1
<b>Hesperiidae</b>		14
	<i>Carcharodus alceae</i>	1
	<i>Carterocephalus palaemon</i>	1
	<i>Gegenes pumilio</i>	1
	<i>Hesperia comma</i>	2
	<i>Ochlodes sp.</i>	1
	<i>Ochlodes venatus</i>	2
	<i>Pyrgus centaurea</i>	1
	<i>Pyrgus sidae</i>	1
	<i>Spialia orbifer</i>	1
	<i>Thymelicus sp.</i>	1
	<i>Thymelicus sylvestris</i>	2
<b>Lycaenidae</b>		9
	<i>Aricia cramera</i>	3
	<i>Callophrys rubi</i>	1
	<i>Celastrina argiolus</i>	2
	<i>Lampides boeticus</i>	1
	<i>Leptotes pirithous</i>	3
	<i>Lycaena phlaeas</i>	1
	<i>Lycaena sp.</i>	3
	<i>Lysandra bellargus</i>	2
	<i>Polyommatus icarus</i>	5
<b>Micropterigidae</b>		1
	<i>Micropterix calthella</i>	1
<b>Noctuidae</b>		35
	<i>Autographa bractea</i>	1
	<i>Autographa gamma</i>	10
	<i>Autographa pulchrina</i>	1
	<i>Autographa sp.</i>	1
	<i>Hadena bicruris</i>	1
	<i>Hadena sp.</i>	10
	<i>Heliothis sp.</i>	10
	<i>Papestra biren</i>	1



<b>Nymphalidae</b>		<b>38</b>
	<i>Aglais io</i>	1
	<i>Aglais sp.</i>	1
	<i>Aglais urticae</i>	3
	<i>Araschnia levana</i>	1
	<i>Argynnis adippe</i>	1
	<i>Argynnis elisa</i>	1
	<i>Argynnis niobe</i>	1
	<i>Argynnis paphia</i>	1
	<i>Boloria euphrosynella</i>	1
	<i>Boloria sp.</i>	2
	<i>Hipparchia statilinus</i>	1
	<i>Inachis io</i>	2
	<i>Issoria lathonia</i>	3
	<i>Lasiommata megera</i>	1
	<i>Maniola jurtina</i>	1
	<i>Melanargia arge</i>	1
	<i>Melitaea athalia</i>	2
	<i>Pararge aegeria</i>	3
	<i>Polygonia c-album</i>	1
	<i>Pyronia bathseba</i>	1
	<i>Pyronia cecilia</i>	2
	<i>Vanessa atalanta</i>	2
	<i>Vanessa cardui</i>	5
<b>Nymphalidae</b>		<b>5</b>
	<i>Lasiommata megera</i>	4
	<i>Lasiommata sp.</i>	1
	<b>Papilionidae</b>	<b>5</b>
	<i>Papilio hospiton</i>	1
	<i>Papilio machaon</i>	3
	<i>Parnassius mnemosyne</i>	1
<b>Pieridae</b>		<b>113</b>
	<i>Anthocharis belia</i>	3
	<i>Anthocharis cardamines</i>	13
	<i>Aporia crateagi</i>	1
	<i>Colias croceus</i>	3
	<i>Empis tessellata</i>	6
	<i>Euchloe crameri</i>	1
	<i>Euchloe insularis</i>	2
	<i>Gonepteryx cleopatra</i>	16
	<i>Gonepteryx rhamni</i>	5
	<i>Gonepteryx sp.</i>	5



	<i>Lepdidea reali</i>	1
	<i>Leptidea sinapis</i>	2
	<i>Pieris brassicae</i>	23
	<i>Pieris napi</i>	16
	<i>Pieris rapae</i>	13
	<i>Pontia daplidice</i>	3
<b>Satyridae</b>		4
	<i>Coenonympha arcania</i>	1
	<i>Coenonympha pamphilos</i>	1
	<i>Maniola jurtina</i>	1
	<i>Melanaghia galathea</i>	1
<b>Scythrididae</b>		1
	<i>Scythris sp.</i>	1
<b>Sesiidae</b>		2
	<i>Pyropteron hispanica</i>	1
	<i>Pyropteron sp.</i>	1
<b>Sphingidae</b>		58
	<i>Hemaris fuciformis</i>	5
	<i>Hemaris sp.</i>	1
	<i>Hemaris tityus</i>	2
	<i>Hyles gallii</i>	2
	<i>Macroglossum sp.</i>	1
	<i>Macroglossum stellatarum</i>	47
<b>Zygaenidae</b>		4
	<i>Zygaena filipendulae</i>	1
	<i>Zygaena orana</i>	1
	<i>Zygaena purpuralis</i>	1
	<i>Zygaena transalpina</i>	1
<b>Mecoptera</b>		1
	<b>Panorpidae</b>	1
	<i>Panorpa germanica</i>	1
<b>Orthoptera</b>		3
	<b>Catantopidae</b>	1
	<i>Pezotettix giornai</i>	1
	<b>Tettigoniidae</b>	2
	<i>Leptophyes punctatissima</i>	1
	<i>Pholidoptera griseoptera</i>	1
<b>Passeriformes</b>		35
	<b>Paridae</b>	4
	<i>Parus caeruleus</i>	4
	<b>Sylviidae</b>	31
	<i>Phylloscopus canariensis</i>	5



		<i>Phylloscopus collybita</i>	2
		<i>Sylvia atricapilla</i>	12
		<i>Sylvia melanocephala</i>	12
	<b>Psocodea</b>		1
		<i>Ectopsocidae</i>	1
		<i>Ectopsocus sp.</i>	1
<hr/>			
<b>Squamata</b>			3
	<b>Lacertidae</b>		3
		<i>Gallotia stehini</i>	3
<hr/>			
<b>Thysanoptera</b>			10
	<b>Thripidae</b>		10
		<i>Frankliniella intonsa</i>	1
		<i>Taeniothrips meridionalis</i>	1
		<i>Thrips major</i>	1
		<i>Thrips tabaci</i>	1
		<i>Thrips vulgatissimus</i>	4
		<i>Tiphia sp.</i>	2

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**Table 2.** List of pollinators of European endangered plants by plant family.

Plant families	Pollinators and floral visitors	No. entries
<b>Adoxaceae</b>		<b>1</b>
	<i>Thrips major</i>	1
<b>Amaryllidaceae</b>		<b>27</b>
	<i>Allograpta nasuta</i>	1
	<i>Amata phegea</i>	1
	<i>Anthophora plumipes</i>	1
	<i>Anyphaena accentuata</i>	1
	<i>Apis mellifera</i>	1
	<i>Apterygida albipennis</i>	2
	<i>Bombus ruderatus</i>	1
	<i>Bombus terrestris</i>	1
	<i>Clanoptilus sp.</i>	1
	<i>Clubiona pallidula</i>	1
	<i>Clubiona terrestris</i>	1
	<i>Dasytes plumbeus</i>	2
	<i>Empis sp.</i>	1
	<i>Enoplognatha ovata</i>	1
	<i>Epistrophe eligans</i>	1
	<i>Grammoptera ruficornis</i>	2
	<i>Lamiogethes pedicularis</i>	1
	<i>Lasioglossum punctatissimum</i>	2
	<i>Melanostoma scalare</i>	1
	<i>Micropterix calthella</i>	1
	<i>Platycheirus scutatus</i>	1
	<i>Valgus hemipterus</i>	1
	<i>Vespa crabro</i>	1
<b>Apiaceae</b>		<b>182</b>
	<i>Andrena flavipes</i>	2
	<i>Andrena pilipes</i>	1
	<i>Arge pagana</i>	1
	<i>Arge sp.</i>	1
	<i>Bellardia stricta</i>	1
	<i>Bellardia viarum</i>	1
	<i>Bellardia vulgaris</i>	1
	<i>Botanophila sp.</i>	1
	<i>Calliphora stelviana</i>	1
	<i>Calliphora vicina</i>	1
	<i>Camponotus ruber</i>	2
	<i>Chloromyia formosa</i>	1



<i>Chrysis soror</i>	2
<i>Chrysotoxum festivum</i>	1
<i>Chrysotoxum intermedium</i>	2
<i>Chrysura varicornis</i>	2
<i>Coccinella septempunctata</i>	1
<i>Coenosia tigrina</i>	1
<i>Colletes eous</i>	2
<i>Cynomya mortuorum</i>	1
<i>Delia sp.</i>	1
<i>Drymeia tetra</i>	1
<i>Episyrphus balteatus</i>	1
<i>Eristalis arbustorum</i>	4
<i>Eristalis rupium</i>	2
<i>Eristalis similis</i>	2
<i>Ersitalis anthophorina</i>	1
<i>Eumerus amoenus</i>	2
<i>Eumerus basalis</i>	2
<i>Eumerus pulchellus</i>	2
<i>Eumerus pusillus</i>	2
<i>Eurithia intermedia</i>	1
<i>Exorista sp.</i>	1
<i>Fausta nemorum</i>	1
<i>Gasteruption sp.</i>	1
<i>Haematopota pluvialis</i>	1
<i>Halictus subauratus meridionalis</i>	2
<i>Helicophagella sp.</i>	1
<i>Helophilus hybridus</i>	1
<i>Helophilus trivittatus</i>	1
<i>Huebneria affinis</i>	1
<i>Hylaeus clypearis</i>	2
<i>Hylaeus imparilis</i>	2
<i>Hylaeus variegatus</i>	2
<i>Hyleorus elatus</i>	1
<i>Lasioglossum anellus</i>	2
<i>Lasioglossum malachurum</i>	2
<i>Lasioglossum sp.</i>	1
<i>Lasius grandis</i>	5
<i>Liimnophora obsignata</i>	1
<i>Limnophora obsignata</i>	1
<i>Lispe nana</i>	3
<i>Lucila silvarum</i>	1
<i>Lucilia bufonivora</i>	1



<i>Lucilia illustris</i>	1
<i>Lucilia pilosiventris</i>	1
<i>Lucilia silvarum</i>	1
<i>Megachile strymonia</i>	2
<i>Megaselia sp.</i>	2
<i>Melanostoma mellinum</i>	1
<i>Merodon aurifer</i>	2
<i>Merodon avidus</i>	2
<i>Merodon italicus</i>	2
<i>Mordellistena spp.</i>	2
<i>Myathropa florea</i>	2
<i>Myrmica rubra</i>	1
<i>Oxythyrea cinctella</i>	2
<i>Paragus bicolor</i>	2
<i>Paragus quadrifasciatus</i>	2
<i>Paragus tibialis</i>	2
<i>Parasarcophaga sp.</i>	1
<i>Parasyrphus nigrirarsis</i>	1
<i>Pheidole pallidula</i>	6
<i>Plagiolepis pygmaea</i>	6
<i>Platycheirus holarcticus</i>	1
<i>Polistes dominula</i>	2
<i>Polistes latreille</i>	1
<i>Pollenia amentaria</i>	1
<i>Pollenia angustigena</i>	1
<i>Pollenia griseotomentosa</i>	1
<i>Pollenia hungarica</i>	1
<i>Pollenia labialis</i>	1
<i>Pollenia pediculata</i>	1
<i>Pollenia rudis</i>	1
<i>Pollenia sp.</i>	2
<i>Pollenia vera</i>	1
<i>Polyommatus icarus</i>	1
<i>Pontia daplidice</i>	1
<i>Psilothrix viridicoerulea</i>	2
<i>Pyrellia rapax</i>	1
<i>Rhagonycha fulva</i>	1
<i>Sarcophaga villeneuvei</i>	1
<i>Sarcophaga africa</i>	1
<i>Sarcophaga carnaria</i>	1
<i>Sarcophaga granulata</i>	1
<i>Sarcophaga incisilobata</i>	1



	<i>Sarcophaga melanura</i>	1
	<i>Sarcophaga nigriventris</i>	1
	<i>Sarcophaga sinuata</i>	1
	<i>Sarcophaga sp.</i>	5
	<i>Sarcophaga variegata</i>	1
	<i>Sarcophaga villeneuvei</i>	1
	<i>Scaeva albomaculata</i>	2
	<i>Scaeva pyrastrii</i>	1
	<i>Sceliphron destillatorium</i>	2
	<i>Sphaerophoria latifasciatus</i>	1
	<i>Sphaerophoria scripta</i>	3
	<i>Syritta pipiens</i>	3
	<i>Syrphus latifasciatus</i>	1
	<i>Syrphus vitripennis</i>	1
	<i>Tapinoma madeirense</i>	3
	<i>Temnothorax recedens</i>	2
	<i>Tenthredo sp.</i>	1
	<i>Tiphia sp.</i>	2
	<i>Vespula germanica</i>	1
	<i>Vespula vulgaris</i>	1
	<i>Voria ruralis</i>	1
<b>Apocynaceae</b>		<b>12</b>
	<i>Apis mellifera</i>	2
	<i>Colpa sexmaculata</i>	1
	<i>Macroglossum stellatarum</i>	1
	<i>Megachile laechella</i>	4
	<i>Oedemera flavipes</i>	3
	<i>Pieris napi</i>	1
<b>Asparagaceae</b>		<b>4</b>
	<i>Anthophora plumpies</i>	1
	<i>Apis mellifera</i>	1
	<i>Bombus pratorum</i>	1
	<i>Bombylius fimbriatus</i>	1
<b>Asteraceae</b>		<b>85</b>
	<i>Ampedus pomorum</i>	1
	<i>Andrena sp.</i>	1
	<i>Apis mellifera</i>	4
	<i>Argynnis niobe</i>	1
	<i>Bombus bohemicus</i>	1
	<i>Bombus hortorum</i>	1
	<i>Bombus pratorum</i>	2
	<i>Bombus ruderiarius</i>	1



<i>Bombus sp.</i>	1
<i>Bombus terrestris</i>	1
<i>Bombylius ater</i>	1
<i>Bombylius fimbriatus</i>	1
<i>Bombylius major</i>	1
<i>Bombylius sp.</i>	1
<i>Brassicogethes aeneus</i>	5
<i>Ceratina chalcites</i>	1
<i>Ceratina sp.</i>	1
<i>Cheilisia sp.</i>	1
<i>Chelostoma sp.</i>	2
<i>Coenonympha arcania</i>	1
<i>Coenonympha pamphilos</i>	1
<i>Cryptocephalus seriecus</i>	1
<i>Empis opaca</i>	1
<i>Gonepteryx rhamni</i>	1
<i>Halictus maculatus</i>	1
<i>Halictus rubicundus</i>	1
<i>Halictus scabiosae</i>	1
<i>Harmonia sp.</i>	2
<i>Heriades rubicola</i>	1
<i>Lasioglossum morio</i>	2
<i>Lasioglossum sp.</i>	1
<i>Lasioglossum spp.</i>	5
<i>Lasiommata maera</i>	1
<i>Lasiommata sp.</i>	1
<i>Lasius flavus</i>	2
<i>Lasius niger</i>	3
<i>Lasioglossum morio</i>	1
<i>Lycaena sp.</i>	1
<i>Lysandra belargus</i>	1
<i>Maniola jurtina</i>	1
<i>Megachile melanopyga</i>	1
<i>Megachile sp.</i>	1
<i>Melanaghia galathea</i>	1
<i>Melanargia arge</i>	1
<i>Mellicta athalia</i>	1
<i>Nomada sp.</i>	1
<i>Oedemera atrata</i>	1
<i>Oedemera femorata</i>	1
<i>Oedemera nobilis</i>	1
<i>Oedemera sp.</i>	1



<i>Osmia caerulea</i>	1
<i>Osmia leiana</i>	1
<i>Osmia sp.</i>	1
<i>Platycheirus albimanus</i>	2
<i>Platynochaetus setosus</i>	1
<i>Polistes nimpha</i>	1
<i>Polistes sp.</i>	1
<i>Pseudoanthidium nanum</i>	1
<i>Sphaerophoria scripta</i>	1
<i>Terrelia luteola</i>	1
<i>Thymelicus sylvestris</i>	1
<i>Tritomegas sp.</i>	1
<i>Vanessa cardui</i>	1
<i>Zygaena filipendulae</i>	1
<i>Zygaena purpuralis</i>	1
<i>Zygaena transalpina</i>	1

<b>Boraginaceae</b>	<b>47</b>
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<i>Andrena sp.</i>	1
<i>Anthidium sp.</i>	1
<i>Anthophora plumpies</i>	1
<i>Anthophora sp.</i>	2
<i>Apis mellifera</i>	3
<i>Autographa bractea</i>	1
<i>Bombus distinguendus</i>	1
<i>Bombus pascuorum</i>	2
<i>Bombus pratorum</i>	1
<i>Bombus sp.</i>	2
<i>Bombus terrestris</i>	1
<i>Bombylius discolor</i>	2
<i>Bombylius fimbriatus</i>	3
<i>Bombylius major</i>	3
<i>Bombylius sp.</i>	4
<i>Brassicogethes aeneus</i>	1
<i>Calliphora vomitoria</i>	1
<i>Chelostoma sp.</i>	1
<i>Eucera sp.</i>	1
<i>Lasius niger</i>	1
<i>Macroglossum stellatarum</i>	2
<i>Megachile parietina</i>	1
<i>Ochlodes venatus</i>	2
<i>Osmia bicornis</i>	1
<i>Pieris napi</i>	1



	<i>Pieris rapae</i>	2
	<i>Platycheirus albimanus</i>	1
	<i>Syrphus ribesii</i>	2
	<i>Xylocopa violacea</i>	2
<b>Brassicaceae</b>		<b>257</b>
	<i>Aglais urticae</i>	1
	<i>Altica sp.</i>	1
	<i>Anaspis spp.</i>	2
	<i>Andrena agillissima</i>	1
	<i>Andrena orotavensis</i>	1
	<i>Andrena parvula</i>	1
	<i>Andrena spp.</i>	8
	<i>Andrena subopaca</i>	2
	<i>Anthocharis cardamines</i>	7
	<i>Anthophora aestivalis</i>	1
	<i>Anthophora alluaudi</i>	1
	<i>Anthophora atroalba</i>	1
	<i>Anthophora leucophaea</i>	1
	<i>Anthophora plumipes</i>	5
	<i>Anthophora romandii</i>	2
	<i>Anthrenus festivus</i>	1
	<i>Apis mellifera</i>	6
	<i>Aplocnemus aubei</i>	1
	<i>Argynnis paphia</i>	1
	<i>Aricia cramera</i>	1
	<i>Attagenus trifasciatus</i>	2
	<i>Bibio marci</i>	1
	<i>Bibio sp.</i>	3
	<i>Bombus canariensis</i>	1
	<i>Bombus lapidarius</i>	1
	<i>Bombus pascuorum</i>	2
	<i>Bombus terrestris</i>	5
	<i>Bombylius ater</i>	1
	<i>Bombylius cruciatus</i>	2
	<i>Bombylius discolor</i>	4
	<i>Bombylius fimbriatus</i>	5
	<i>Bombylius fulvescens</i>	1
	<i>Bombylius major</i>	8
	<i>Bombylius medius</i>	1
	<i>Bombylius minor</i>	1
	<i>Bombylius spp.</i>	9
	<i>Brachypterus sp.</i>	1



<i>Brassicogethes aeneus</i>	8
<i>Bruchus</i> sp.	2
<i>Calliphora vomitoria</i>	1
<i>Camponotus cruentatus</i>	2
<i>Cardiophorus</i> spp.	2
<i>Ceratina cucurbitina</i>	1
<i>Certallum ebulinum</i>	1
<i>Cetonia aurata</i>	1
<i>Cheilosia</i> sp.	1
<i>Cheilosia variabilis</i>	1
<i>Chelostoma</i> sp.	1
<i>Coccinella septempunctata</i>	1
<i>Colletes succinctus</i>	1
<i>Crematogaster auberti</i>	1
Curculionidae	1
<i>Danacea</i> sp.	2
<i>Dasyneura</i> sp.	2
<i>Dasytes nigropunctatus</i>	1
<i>Dasytes subaeneus</i>	3
<i>Dasytes terminalis</i>	1
<i>Dolycoris baccarum</i>	1
<i>Dufourea minta</i>	1
<i>Empis</i> sp.	1
<i>Enicopus ibericus</i>	1
<i>Episyrphus balteatus</i>	1
<i>Eristalis tenax</i>	6
<i>Eucera longicornis</i>	1
<i>Eucera nigrescens</i>	1
<i>Eucera nigrilabris</i>	1
<i>Euchloe crameri</i>	1
<i>Eurydema oleracea</i>	2
<i>Fannia</i> sp.	1
<i>Hadrodemus m-flavum</i>	2
<i>Halictus maculatus</i>	3
<i>Halictus rubicundus</i>	1
<i>Halictus simplex</i>	1
<i>Halictus</i> spp.	2
<i>Heliotaurus ruficollis</i>	1
<i>Holcostethus sphacelatus</i>	1
Ichneumonidae	1
<i>Inachis io</i>	1
<i>Issoria lathonia</i>	2



<i>Lasioglossum aeratum</i>	3
<i>Lasioglossum interruptum</i>	4
<i>Lasioglossum loetum</i>	1
<i>Lasioglossum minutissimum</i>	2
<i>Lasioglossum minutum</i>	1
<i>Lasioglossum morio</i>	3
<i>Lasioglossum spp.</i>	2
<i>Lasioglossum xanthopus</i>	3
<i>Lasiommata megera</i>	1
<i>Lasius flavus</i>	1
<i>Lasius niger</i>	5
<i>Lasius sp.</i>	1
<i>Lasioglossum albomaculata</i>	1
<i>Leptothorax sp.</i>	1
<i>Lycaena sp.</i>	1
<i>Lygaeus militaris</i>	2
<i>Lygaeus sp.</i>	1
<i>Macroglossum stellatarum</i>	4
<i>Malachius laticollis</i>	1
<i>Malachius lusitanicus</i>	1
<i>Melanostoma scalare</i>	1
<i>Melecta sp.</i>	1
<i>Meligethes aeneus</i>	2
<i>Meligethes maurus</i>	2
<i>Meligethes minutus</i>	1
<i>Mordellistena gemellata</i>	3
<i>Musca domestica</i>	1
<i>Mylabris sp.</i>	1
<i>Myrmica xavieri</i>	1
<i>Osmia bicolor</i>	1
<i>Osmia brevicornis</i>	1
<i>Osmia rufa</i>	1
<i>Oxythyrea funesta</i>	1
<i>Pararge aegeria</i>	1
<i>Phyllotreta sp.</i>	1
<i>Pieris brassicae</i>	4
<i>Pieris napi</i>	8
<i>Pieris rapae</i>	1
<i>Plagiolepis pygmaea</i>	1
<i>Platycheirus albimanus</i>	4
<i>Platynochaetus setosus</i>	2
<i>Polygonia c-album</i>	1



	<i>Polyommatus icarus</i>	1
	<i>Pontia daplidice</i>	1
	<i>Protocaliphora sp.</i>	1
	<i>Psilothrix sp.</i>	1
	<i>Scaeva albomaculata</i>	1
	<i>Scaeva selenitica</i>	1
	<i>Spermophagus sp.</i>	1
	<i>Sphaerophoria scripta</i>	1
	<i>Sphecodes sp.</i>	1
	<i>Syrphus sp.</i>	1
	<i>Tapinoma nigerrimum</i>	1
	<i>Thymelicus sp.</i>	1
	<i>Titania pollinaris</i>	1
	<i>Tropinota squalida</i>	2
	<i>Vanessa cardui</i>	2
	<i>Xylocopa violacea</i>	1
<b>Butomaceae</b>		<b>1</b>
	<i>Sphaerophoria scripta</i>	1
<b>Campanulaceae</b>		<b>146</b>
	<i>Ammophila heydeni</i>	1
	<i>Ammophila sp.</i>	1
	<i>Andrena cineraria</i>	2
	<i>Andrena fulva</i>	2
	<i>Andrena pilipes</i>	4
	<i>Anthidium manicatum</i>	3
	<i>Anthocharis belia</i>	1
	<i>Anthocharis cardamines</i>	1
	<i>Anthophora hispanica</i>	3
	<i>Anthophora plumipes</i>	2
	<i>Anthopora bimaculata</i>	1
	<i>Apis mellifera</i>	4
	<i>Bembix flavescens</i>	1
	<i>Bembix oculata</i>	1
	<i>Besseria lateritia</i>	1
	<i>Besseria sp.</i>	1
	<i>Besseria zonaria</i>	1
	<i>Bombus pascuorum</i>	3
	<i>Bombus pratorum</i>	4
	<i>Bombus sp.</i>	1
	<i>Bombus sp.</i>	1
	<i>Bombus terrestris</i>	1
	<i>Bombylius spp.</i>	5



<i>Carcharodus alceae</i>	1
<i>Ceratina cyanea</i>	1
<i>Ceratina sp.</i>	1
<i>Coelioxys inermis</i>	1
<i>Colias croceus</i>	1
<i>Colletes sp.</i>	1
<i>Colletes succinctus</i>	1
<i>Dasypoda hirtipes</i>	1
<i>Empidideicus sp.</i>	1
<i>Eristalinus aeneus</i>	1
<i>Eristalinus sp.</i>	1
<i>Eristalis arbustorum</i>	1
<i>Eristalis tenax</i>	1
<i>Exhyalanthrax afer</i>	1
<i>Exhyalanthrax melanchlaenus</i>	1
<i>Halictus rubicundus</i>	2
<i>Halictus scabiosae</i>	4
<i>Halictus sp.</i>	1
<i>Halictus subauratus</i>	1
<i>Hemipenthes velutina</i>	1
<i>Hipparchia statilinus</i>	1
<i>Lampides boeticus</i>	1
<i>Lasioglossum smeathmanellum</i>	2
<i>Lasioglossum spp.</i>	12
<i>Lassioglossum calceatum</i>	4
<i>Leptotes pirithous</i>	1
<i>Linepithema humile</i>	1
<i>Maniola jurtina</i>	1
<i>Megachile centuncularis</i>	2
<i>Megachile maritima</i>	1
<i>Megachile spp.</i>	3
<i>Melanostoma scalare</i>	3
<i>Melinda sp.</i>	1
<i>Melitta haemorrhoidalis</i>	1
<i>Nomioides sp.</i>	1
<i>Oedemera flavipes</i>	1
<i>Panurgus spp.</i>	8
<i>Papilo machaon</i>	1
<i>Paracorymbia stragulata</i>	1
<i>Podalonia hirsute</i>	1
<i>Polyommatus icarus</i>	1
<i>Pontia daplidice</i>	1



<i>Prionyx subfuscatus</i>	1
<i>Pyronia cecilia</i>	1
<i>Pyropteron hispanica</i>	1
<i>Pyropteron sp.</i>	1
<i>Sacrotachina umbrinervis</i>	1
<i>Sarcophaga longestylata</i>	1
<i>Sarcophagidae spp.</i>	2
<i>Sarcotachina sp.</i>	1
<i>Scaeva pyrastris</i>	2
<i>Scythris sp.</i>	1
<i>Sphaerophoria scripta</i>	1
<i>Sphaerophoria spp.</i>	3
<i>Stizus ruficornis</i>	1
<i>Stomorphina lunata</i>	1
<i>Syritta pipiens</i>	1
<i>Syrphus ribesii</i>	1
<i>Systoechus sp.</i>	1
<i>Tachysphex sp.</i>	1
<i>Tachytes freygessneri</i>	1
<i>Tebenna micalis</i>	1
<i>Thecophora sp.</i>	1
<i>Thyridanthrax elegans</i>	1
<i>Thyridanthrax nebulosus</i>	1
<i>Thyridanthrax sp.</i>	1
<b>Caprifoliaceae</b>	<b>1</b>
<i>Brassicogethes aeneus</i>	1
<b>Caryophyllaceae</b>	<b>306</b>
<i>Aglais io</i>	1
<i>Allantus cinctus</i>	1
<i>Amegilla quadrifasciata</i>	2
<i>Anastoechus hyrcanus</i>	1
<i>Andrena cineraria</i>	1
<i>Andrena flavipes</i>	1
<i>Andrena fulva</i>	2
<i>Andrena sp.</i>	2
<i>Anthidium stiticum</i>	2
<i>Anthocharis belia</i>	2
<i>Anthocharis cardamines</i>	2
<i>Anthophora balneorum</i>	3
<i>Anthophora bimaculata</i>	1
<i>Anthophora dispar</i>	1
<i>Anthophora hispanica</i>	1



<i>Anthophora plumipes</i>	19
<i>Anthophora sp.</i>	2
<i>Anthrax trifasciatus</i>	1
<i>Apis mellifera</i>	2
<i>Argynnis adippe</i>	1
<i>Autographa gamma</i>	9
<i>Autographa sp.</i>	1
<i>Bombus jonellus</i>	3
<i>Bombus lapidarius</i>	2
<i>Bombus pascuorum</i>	3
<i>Bombus terrestris</i>	15
<i>Bombylius canescens</i>	3
<i>Bombylius fimbriatus</i>	4
<i>Bombylius fuscus</i>	1
<i>Bombylius major</i>	18
<i>Bombylius medius</i>	1
<i>Bombylius minor</i>	3
<i>Bombylius spp.</i>	13
<i>Bombylius venosus</i>	1
<i>Brassicogethes aeneus</i>	1
<i>Cheilosia sp.</i>	1
<i>Chelostoma sp.</i>	1
<i>Colletes hylaeiformis</i>	1
<i>Episyrphus balteatus</i>	2
<i>Episyrphus sp.</i>	4
<i>Episyrphus balteatus</i>	3
<i>Eristalis tenax</i>	4
<i>Eucera longicornis</i>	2
<i>Eucera nigrilabris</i>	1
<i>Euchloe insularis</i>	2
<i>Eupeodes corollae</i>	1
<i>Eupeodes lapponicus</i>	1
<i>Exoprosopa italica</i>	1
<i>Gegenes pumilio</i>	1
<i>Gonepteryx rhamni</i>	2
<i>Gonepteryx cleopatra</i>	13
<i>Hadena bicurris</i>	1
<i>Hadena sp.</i>	10
<i>Halictus rubicundus</i>	3
<i>Halictus scabiosae</i>	1
<i>Heliothis sp.</i>	10
<i>Hemipenthes morio</i>	1



<i>Hylaeus pictus</i>	1
<i>Lasiomata megera</i>	1
<i>Lasiommata megera</i>	1
<i>Lassioglossum lativentre</i>	1
<i>Lassioglossum sp.</i>	5
<i>Lomatia lateralis</i>	1
<i>Macroglossum stellatarum</i>	25
<i>Megachile apicalis</i>	1
<i>Megachile ericetorum</i>	1
<i>Melanostoma scalare</i>	5
<i>Melanostoma sp.</i>	2
<i>Melecta luctuosa</i>	1
<i>Neoascia podagrica</i>	1
<i>Oedemera flavipes</i>	5
<i>Oedemera sp.</i>	5
<i>Osmia latreillei</i>	1
<i>Osmia rufa</i>	2
<i>Panorpa germanica</i>	1
<i>Pararge aegeria</i>	1
<i>Pieris brassicae</i>	3
<i>Pieris napi</i>	1
<i>Pieris rapae</i>	4
<i>Pieris rapae</i>	5
<i>Pyrgus sidae</i>	1
<i>Pyronia bathseba</i>	1
<i>Scaeva sp.</i>	2
<i>Sphaerophoria scripta</i>	2
<i>Sphaerophoria sp.</i>	1
<i>Stenurella nigra</i>	5
<i>Syrphus ribesii</i>	1
<i>Syrphus sp.</i>	9
<i>Systoechus gradatus</i>	1
<i>Tenthredo sp.</i>	2
<i>Triglyphus primus</i>	1
<i>Tropinota squalida</i>	5
<i>Vanessa atalanta</i>	1
<i>Villa brunnea</i>	1
<i>Xanthogramma pedisequum</i>	2
<i>Xylocopa violacea</i>	5

<b>Cistaceae</b>	<b>33</b>
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<i>Andrena fabrella</i>	1
<i>Anthophora agama</i>	1



<i>Anthophora plumipes</i>	1
<i>Anthophora pubescens</i>	1
<i>Apis mellifera</i>	2
<i>Bruchinae sp.</i>	1
<i>Ceylalictus variegatus</i>	1
<i>Chrysomela americana</i>	1
<i>Chrysotoxum intermedium</i>	1
<i>Dufourea trautmanii</i>	1
<i>Eristalinus aeneus</i>	1
<i>Eristalis tenax</i>	2
<i>Eucera barbiventris</i>	1
<i>Eucera elongatula</i>	1
<i>Eupeodes corollae</i>	2
<i>Halictus scabiosae</i>	1
<i>Hoplitis adunca</i>	1
<i>Lasioglossum albocinctum</i>	1
<i>Lasioglossum capitalis</i>	1
<i>Meligethes sp.</i>	1
<i>Osmia fallax</i>	1
<i>Osmia ferruginea</i>	1
<i>Osmia tricornis</i>	1
<i>Oxythyrea funesta</i>	1
<i>Paragus sp.</i>	1
<i>Psilothrix viridicoerulea</i>	1
<i>Rhodanthidium sticticum</i>	1
<i>Sphaerophoria scripta</i>	1
<i>Syritta pipiens</i>	1
<i>Xanthogramma marginale</i>	1
<b>Dioscoreaceae</b>	<b>6</b>
<i>Camponotus cruentatus</i>	2
<i>Lasius cinereus</i>	2
<i>Lasius grandis</i>	2
<b>Dipsacaceae</b>	<b>6</b>
<i>Apis mellifera</i>	2
<i>Bombus sp.</i>	2
<i>Hesperia comm</i>	1
<i>Spialia orbifer</i>	1
<b>Droseraceae</b>	<b>2</b>
<i>Paragus haemorrhous</i>	1
<i>Sphaerophoria scripta</i>	1
<b>Drosophyllaceae</b>	<b>12</b>
<i>Andrena sp.</i>	1



	<i>Dasygaster hirtipes</i>	1
	<i>Episyrphus sp.</i>	1
	<i>Eristalis sp.</i>	1
	<i>Eunicopus sp.</i>	1
	<i>Halictus scabiosae</i>	1
	<i>Omaloplia sp.</i>	1
	<i>Oxythirea funesta</i>	1
	<i>Panurgus banksianus</i>	1
	<i>Panurgus cephalotes</i>	1
	<i>Panurgus sp.</i>	1
	<i>Usia sp.</i>	1
<b>Ericaceae</b>		<b>6</b>
	<i>Anthophora dalmatica</i>	2
	<i>Anthophora plumipes</i>	2
	<i>Bombus terrestris</i>	2
<b>Euphorbiaceae</b>		<b>20</b>
	<i>Agelastica alni</i>	1
	<i>Brassicogethes aeneus</i>	2
	<i>Bruchus sp.</i>	1
	<i>Calliphora vomitoria</i>	1
	<i>Dicranocephalus sp.</i>	1
	<i>Eurydema oleracea</i>	1
	<i>Formica rufa</i>	3
	<i>Halictus scabiosae</i>	1
	<i>Lasius flavus</i>	1
	<i>Lasius niger</i>	4
	<i>Lejogaster metallina</i>	1
	<i>Malachius bipustulatus</i>	1
	<i>Platycheirus albimanus</i>	1
	<i>Platynochaetus setosus</i>	1
<b>Fabaceae</b>		<b>87</b>
	<i>Abia sericea</i>	1
	<i>Ancistrocerus sp.</i>	1
	<i>Andrena russula</i>	18
	<i>Anthidium manicatum</i>	2
	<i>Anthophora dispar</i>	2
	<i>Anthophora plumipes</i>	6
	<i>Anthophora sp.</i>	1
	<i>Aphaenogaster sp.</i>	1
	<i>Apis mellifera</i>	4
	<i>Bombus distinguendus</i>	1
	<i>Bombus lapidarius</i>	2



<i>Bombus pascuorum</i>	1
<i>Bombus pratorum</i>	1
<i>Bombus ruderarius</i>	1
<i>Bombus terrestris</i>	6
<i>Bombylius discolor</i>	1
<i>Bombylius major</i>	1
<i>Brassicogethes aeneus</i>	1
<i>Brassicogethes sp.</i>	1
<i>Calliphora vicina</i>	1
<i>Callophrys rubi</i>	1
<i>Centrocoris sp.</i>	1
<i>Chrysis sp.</i>	1
<i>Episyrphus balteatus</i>	3
<i>Eristalis tenax</i>	1
<i>Eupeodes corollae</i>	1
<i>Lasius niger</i>	2
<i>Lucilia sericata</i>	1
<i>Macroglossum stellatarum</i>	1
<i>Megachile giraudi</i>	1
<i>Megachile leachella</i>	3
<i>Megachile pilidens</i>	2
<i>Meliscaeva auricollis</i>	1
<i>Melitturga caudata</i>	3
<i>Oedemera nobilis</i>	3
<i>Pezotettix giornai</i>	1
<i>Pieris brassicae</i>	1
<i>Piezodorus lituratus</i>	1
<i>Platycheirus albimanus</i>	1
<i>Rhagonycha fulva</i>	1
<i>Rhodanthidium septendentatum</i>	1
<i>Scaeva pyrastris</i>	1
<i>Vanessa cardui</i>	1
<i>Xylocopa violacea</i>	1

<b>Gentianaceae</b>	<b>13</b>
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<i>Apis mellifera</i>	2
<i>Autographa gamma</i>	1
<i>Bombus hortorum</i>	1
<i>Bombus lapidarius</i>	1
<i>Bombus pascuorum</i>	1
<i>Bombus spp.</i>	3
<i>Bombus terrestris</i>	1
<i>Bombylius sp.</i>	1



	<i>Colias croceus</i>	1
	<i>Myathropa florea</i>	1
<b>Geraniaceae</b>		<b>61</b>
	<i>Acyrtosiphon malvae</i>	1
	<i>Andrena bicolor</i>	1
	<i>Andrena fulva</i>	1
	<i>Andrena haemorrhoa</i>	1
	<i>Andrena sp.</i>	1
	<i>Anthobium sp.</i>	1
	<i>Anthocharis cardamines</i>	3
	<i>Anthophora plumipes</i>	1
	<i>Apis mellifera</i>	2
	<i>Bombus hortorum</i>	1
	<i>Bombus lapidarius</i>	1
	<i>Bombus pascuorum</i>	1
	<i>Bombus pratorum</i>	2
	<i>Bombus terrestris</i>	2
	<i>Bombylius fimbriatus</i>	1
	<i>Bombylius major</i>	2
	<i>Bombylius sp.</i>	2
	<i>Chelostoma campanularum</i>	1
	<i>Chelostoma nigricorne</i>	1
	<i>Chelostoma sp.</i>	2
	<i>Coelioxys inermis</i>	1
	<i>Coelioxys rufescens</i>	1
	<i>Empis sp.</i>	1
	<i>Episyrphus balteatus</i>	2
	<i>Eristalis tenax</i>	1
	<i>Fallenia fasciata</i>	1
	<i>Gonepteryx rhamni</i>	1
	<i>Halictus calcaetum</i>	1
	<i>Halictus rubicundus</i>	1
	<i>Lasioglossum morio</i>	1
	<i>Lasius niger</i>	1
	<i>Leptidea sinapis</i>	1
	<i>Lucilia caesar</i>	1
	<i>Melanostoma scalare</i>	1
	<i>Mesembrina meridiana</i>	1
	<i>Odontomyia ornata</i>	1
	<i>Oedemera nobilis</i>	1
	<i>Osmia adunca</i>	1
	<i>Osmia bicornis</i>	1



	<i>Osmia coerulescens</i>	1
	<i>Osmia leaiana</i>	1
	<i>Osmia rufa</i>	1
	<i>Pieris napi</i>	2
	<i>Pieris rapae</i>	1
	<i>Rhingia rostrata</i>	1
	<i>Scaeva pyrastris</i>	1
	<i>Sphaerophoria rueppellii</i>	1
	<i>Stelis phaeoptera</i>	1
	<i>Syritta pipiens</i>	1
	<i>Syrphus ribesii</i>	2
<b>Gesneriaceae</b>		<b>6</b>
	<i>Bombus haematurus</i>	2
	<i>Bombus lucorum</i>	2
	<i>Bombylius sp.</i>	2
<b>Grossularaceae</b>		<b>2</b>
	<i>Andrena cineraria</i>	1
	<i>Formica rufa</i>	1
<b>Hyacinthaceae</b>		<b>1</b>
	<i>Sphaerophoria sp.</i>	1
<b>Hypericaceae</b>		<b>1</b>
	<i>Lasioglossum malachurum</i>	1
<b>Iridaceae</b>		<b>2</b>
	<i>Aglais sp.</i>	1
	<i>Apis mellifera</i>	1
<b>Lamiaceae</b>		<b>151</b>
	<i>Andrena cineraria</i>	1
	<i>Andrena praecox</i>	2
	<i>Anthophora furcata</i>	2
	<i>Anthophora plumipes</i>	8
	<i>Apis mellifera</i>	5
	<i>Aporia crateagi</i>	1
	<i>Boloria euphrosynella</i>	1
	<i>Bombus argillaceus</i>	1
	<i>Bombus cargillaceus</i>	1
	<i>Bombus hortorum</i>	5
	<i>Bombus humilis</i>	3
	<i>Bombus jonellus</i>	1
	<i>Bombus lapidarius</i>	3
	<i>Bombus pascuorum</i>	7
	<i>Bombus pratorum</i>	3
	<i>Bombus sp.</i>	4



<i>Bombus terrestris</i>	11
<i>Bombylius fimbriatus</i>	1
<i>Bombylius major</i>	2
<i>Bombylius sp.</i>	4
<i>Brassicogethes aeneus</i>	2
<i>Ceratina chalybea</i>	2
<i>Ceratina cucurbitina</i>	1
<i>Ceratina cyanea</i>	1
<i>Chrysotoxum cautum</i>	1
<i>Chrysotoxum festivum</i>	1
<i>Chrysotoxum lessonae</i>	1
<i>Cryptocephalus transcaucasicus</i>	1
<i>Cryptocephalus transiens</i>	1
<i>Episinus sp.</i>	1
<i>Episyrphus balteatus</i>	1
<i>Eupeodes lapponicus</i>	1
<i>Eupeodes luniger</i>	1
<i>Eupeodes sp.</i>	1
<i>Formica clara</i>	1
<i>Formica fusca</i>	1
<i>Formica rufa</i>	2
<i>Formica sanguinea</i>	1
<i>Halictus fulvipes</i>	1
<i>Halictus patellatus</i>	1
<i>Halictus scabiosae</i>	2
<i>Hemaris sp.</i>	1
<i>Lasioglossum albipes</i>	2
<i>Lasioglossum convexiusculum</i>	1
<i>Lasioglossum laevigatum</i>	2
<i>Lasioglossum laticeps</i>	2
<i>Lasioglossum morio</i>	2
<i>Lasius niger</i>	5
<i>Lasius psammophilus</i>	1
<i>Lasius sp.</i>	1
<i>Leptidea sinapis</i>	1
<i>Macroglossum sp.</i>	1
<i>Megachile pilicrus</i>	1
<i>Megachile pilidens</i>	1
<i>Megachile sculpturalis</i>	1
<i>Melecta sp.</i>	2
<i>Merodon avium/moenium</i>	1
<i>Myrmica schencki</i>	1



<i>Ochlodes sp.</i>	1
<i>Osmia aurulenta</i>	3
<i>Osmia bicolor</i>	5
<i>Osmia bicornis</i>	1
<i>Osmia rufa</i>	4
<i>Osmia sp.</i>	2
<i>Psithyrus sp.</i>	1
<i>Rhodanthidium septemdentatum</i>	1
<i>Rhodanthidium sp.</i>	2
<i>Scaeva pyrastris</i>	1
<i>Scolia hirta</i>	1
<i>Sphaeriophoria scripta</i>	1
<i>Stelis nasuta</i>	1
<i>Stelis punctulatissima</i>	1
<i>Synema globosum</i>	1
<i>Syrphus torvus</i>	1
<i>Thyreus sp.</i>	1
<i>Tropinota hirta</i>	3
<i>Xylocopa violacea</i>	2
<i>Xysticus sp.</i>	1
<b>Lentibulariaceae</b>	<b>13</b>
<i>Andrena sp.</i>	1
<i>Anthophora sp.</i>	1
<i>Bombus pascuorum</i>	1
<i>Bombus terrestris</i>	1
<i>Bombylius sp.</i>	1
<i>Eusphalerum scribeae</i>	1
<i>Halictus sp.</i>	1
<i>Lasioglossum sp.</i>	1
<i>Macroglossum stellatarum</i>	1
<i>Osmia cornuta</i>	1
<i>Pararge aegeria</i>	1
<i>Pieris napi</i>	1
<i>Taeniothrips meridionalis</i>	1
<b>Liliaceae</b>	<b>37</b>
<i>Amata sp.</i>	1
<i>Andrena bicolor</i>	1
<i>Andrena lapponica</i>	1
<i>Andrena mitis</i>	1
<i>Andrena sp.</i>	1
<i>Anthophora plumipes</i>	1
<i>Apis mellifera</i>	9



	<i>Bombus hortorum</i>	1
	<i>Bombus lapidarius</i>	3
	<i>Bombus lapidarius</i>	1
	<i>Bombus muscorum</i>	1
	<i>Bombus niveatus</i>	1
	<i>Bombus ruderarius</i>	2
	<i>Bombus sp.</i>	1
	<i>Bombus sylvarum</i>	1
	<i>Bombus terrestris</i>	2
	<i>Bombus terrestris</i>	2
	<i>Cynomya mortuorum</i>	1
	<i>Evylaeus calceatus</i>	1
	<i>Helophilus trivittatus</i>	1
	<i>Lycaena sp.</i>	1
	<i>Lygaeus sp.</i>	1
	<i>Polistes sp.</i>	1
	<i>Scaeva pyrastris</i>	1
<b>Malvaceae</b>		<b>13</b>
	<i>Ceratina cucurbitina</i>	2
	<i>Ceratina cyanea</i>	1
	<i>Cteniopus sulphureus</i>	1
	<i>Heriades rubicola</i>	3
	<i>Hylaeus dilatatus</i>	1
	<i>Lasioglossum sp.</i>	1
	<i>Oedemera flavipes</i>	2
	<i>Seladonia smaragdula complex</i>	1
	<i>Xylocopa violacea</i>	1
<b>Oleaceae</b>		<b>1</b>
	<i>Hylaeus punctatus</i>	1
<b>Orchidaceae</b>		<b>167</b>
	<i>Aglais urticae</i>	1
	<i>Alosterna tabacicolor</i>	1
	<i>Andrena bicolor</i>	1
	<i>Andrena fucata</i>	1
	<i>Andrena haemorrhoa</i>	1
	<i>Andrena helvola</i>	1
	<i>Andrena jacobii</i>	1
	<i>Andrena lapponica</i>	1
	<i>Andrena rogenhoferi</i>	1
	<i>Andrena sp.</i>	1
	<i>Anthophora aestivalis</i>	2
	<i>Anthophora sichelii</i>	3



<i>Apis mellifera</i>	8
<i>Argogorytes mystaceus</i>	2
<i>Autographa pulchrina</i>	1
<i>Boloria sp.</i>	2
<i>Bombus canariensis</i>	1
<i>Bombus hortorum</i>	2
<i>Bombus hypnorum</i>	1
<i>Bombus lapidarius</i>	17
<i>Bombus lucorum</i>	12
<i>Bombus pascuorum</i>	4
<i>Bombus pratorum</i>	1
<i>Bombus soroensis</i>	3
<i>Bombus spp.</i>	5
<i>Bombus subterraneus</i>	1
<i>Bombus sylvarum</i>	3
<i>Bombus sylvestris</i>	1
<i>Bombus terrestris</i>	5
<i>Bombus vestalis</i>	9
<i>Ceratina cucurbitina</i>	1
<i>Cheilosia morio</i>	1
<i>Cheilosia variabilis</i>	1
<i>Dasysyrphus albostrigatus</i>	1
<i>Dasysyrphus friuliensis</i>	1
<i>Dasysyrphus venustus</i>	1
<i>Dasytes sp.</i>	1
<i>Drosophila transversa</i>	1
<i>Empis sp.</i>	3
<i>Empis tessellata</i>	1
<i>Episyrphus balteatus</i>	1
<i>Episyrphus sp.</i>	3
<i>Eristalis rupium</i>	1
<i>Eristalis sp.</i>	1
<i>Eucera nigrescens</i>	3
<i>Fannia norvegica</i>	1
<i>Halictus rubicundus</i>	1
<i>Halictus tumulorum</i>	1
<i>Hemaris tityus</i>	1
<i>Hoplocampa plagiata</i>	1
<i>Hylaeus pictus</i>	1
<i>Hyles gallii</i>	2
<i>Lapposyrphus lapponicus</i>	2
<i>Lasioglossum bavaricum</i>	1



<i>Lasioglossum calceatum/albipes</i>	3
<i>Lasioglossum fulvicorne</i>	2
<i>Lasioglossum leucozonium</i>	2
<i>Megascolia bidens</i>	2
<i>Melangyna lasiophthalma</i>	1
<i>Melanostoma certum</i>	1
<i>Melanostoma mellinum</i>	1
<i>Meliscaeva auricollis</i>	1
<i>Melitaea athalia</i>	1
<i>Myrmica rubra</i>	1
<i>Nomada panzeri</i>	2
<i>Osmia bicornis</i>	1
<i>Osmia rufa</i>	6
<i>Papestra biren</i>	1
<i>Parasyrphus punctulatus</i>	1
<i>Pipiza austriaca</i>	1
<i>Platycheirus albimanus</i>	3
<i>Platycheirus scutatus</i>	1
<i>Pyrgus centaurea</i>	1
<i>Rhingia campestris</i>	1
<i>Sasysyrphus albostrigatus</i>	1
<i>Scaeva selenitica</i>	1
<i>Sceptomyza graminium</i>	1
<i>Sceptomyza pallida</i>	1
<i>Sciara sp.</i>	1
<i>Syrirta pipiens</i>	1
<i>Syrphus ribesii</i>	1
<i>Syrphus sp.</i>	1
<i>Syrphus vitripennis</i>	1
<b>Paeoniaceae</b>	<b>6</b>
<i>Apis mellifera</i>	1
<i>Cerambyx scopolii</i>	1
<i>Cetonia aurata</i>	1
<i>Dinoptera collaris</i>	1
<i>Polistes sp.</i>	1
<i>Vespa crabro</i>	1
<b>Papaveraceae</b>	<b>3</b>
<i>Anthophora plumpies</i>	1
<i>Bombus pascuorum</i>	1
<i>Brassicogethes aeneus</i>	1
<b>Plantaginaceae</b>	<b>38</b>
<i>Anthidium sticticum</i>	1



<i>Anthophora crassipes</i>	1
<i>Anthophora dispar</i>	2
<i>Anthophora plumipes</i>	3
<i>Apis mellifera</i>	1
<i>Bombus sp.</i>	1
<i>Bombus sylvestris</i>	1
<i>Bombus terrestris</i>	2
<i>Bombylius major</i>	1
<i>Bombylius minor</i>	1
<i>Brassicogethes aeneus</i>	1
<i>Calliphora vomitoria</i>	1
<i>Ceratina cucurbitina</i>	2
<i>Eucera sp.</i>	1
<i>Lasioglossum morio</i>	1
<i>Lasioglossum nitidulum</i>	1
<i>Lasioglossum prasinum</i>	1
<i>Lasioglossum spp.</i>	2
<i>Lasioglossum subhirtum</i>	1
<i>Lucilia caesar</i>	1
<i>Megachile deceptor</i>	1
<i>Megachile leachella</i>	1
<i>Megachile lefebvrei</i>	2
<i>Megachile sicula</i>	1
<i>Osmia submicans</i>	1
<i>Rhodanthidium septemdentatum</i>	1
<i>Rhodanthidium sticticum</i>	1
<i>Sphaerophoria scripta</i>	1

<b>Plumbaginaceae</b>	<b>66</b>
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<i>Andrena sp.</i>	1
<i>Anthophora plumipes</i>	1
<i>Aphaenogaster sp.</i>	1
<i>Apis mellifera</i>	3
<i>Araschnia levana</i>	1
<i>Aricia cramera</i>	2
<i>Attagenus pellio</i>	1
<i>Bombus jonellus</i>	1
<i>Bombus lucorum</i>	2
<i>Bombus pratorum</i>	1
<i>Bombus terrestris</i>	2
<i>Cardiophorus gramineus</i>	1
<i>Celastrina argiolus</i>	2
<i>Ceratina sp.</i>	1



<i>Ceriana sp.</i>	1
<i>Ceylalictus variegatus</i>	1
<i>Cheilosia</i>	1
<i>Colias croceus</i>	1
<i>Episyrrhus sp.</i>	1
<i>Episyrrhus balteatus</i>	2
<i>Fallenia fasciata</i>	2
<i>Gonepteryx cleopatra</i>	1
<i>Gonepteryx rhamni</i>	1
<i>Goniodoma limoniella</i>	1
<i>Halictus sp.</i>	1
<i>Halictus tumulorum</i>	1
<i>Hylaeus signatus</i>	2
<i>Lasioglossum sp.</i>	1
<i>Lasioglossum smeathmanellum</i>	1
<i>Leptotes pirithous</i>	2
<i>Lysandra bellargus</i>	1
<i>Lytta vesicatoria</i>	1
<i>Melanostoma mellinum</i>	1
<i>Melanostoma scalare</i>	2
<i>Meliscaeva auricollis</i>	1
<i>Merodon equestris</i>	2
<i>Oedemera nobilis</i>	1
<i>Oncomera fasciata</i>	2
<i>Osmia sp.</i>	1
<i>Oxythrea funesta</i>	1
<i>Papilio machaon</i>	1
<i>Pieris brassicae</i>	1
<i>Pieris napi</i>	1
<i>Polistes galicus</i>	1
<i>Polyommatus icarus</i>	1
<i>Prionyx sp.</i>	1
<i>Pyronia cecilia</i>	1
<i>Rhodanthidium sp.</i>	1
<i>Stelis punctulatissima</i>	1
<i>Syrphus ribesii</i>	1
<i>Terellia ceratocera</i>	1
<i>Thyreus histrionicus</i>	1
<i>Vanessa cardui</i>	1
<b>Polemoniaceae</b>	<b>57</b>
<i>Andrena nitida</i>	1
<i>Apis mellifera</i>	10



<i>Bombus hortorum</i>	1
<i>Bombus jonellus</i>	1
<i>Bombus lapidarius</i>	3
<i>Bombus muscorum</i>	1
<i>Bombus pascuorum</i>	5
<i>Bombus sp.</i>	2
<i>Botanophila sp.</i>	1
<i>Carterocephalus palaemon</i>	1
<i>Cetonia aurata</i>	1
<i>Episyrphus balteatus</i>	1
<i>Fannia parva</i>	1
<i>Helophilus pendulud</i>	1
<i>Helophilus trivittatus</i>	1
<i>Hesperia comma</i>	1
<i>Hydrotaea pellucens</i>	1
<i>Inachis io</i>	1
<i>Lepdidea reali</i>	1
<i>Malachius sp.</i>	1
<i>Megachile sp.</i>	3
<i>Oedemera virescens</i>	2
<i>Parnassius mnemosyne</i>	1
<i>Phaonia angelicae</i>	1
<i>Platycheirus albimanus</i>	1
<i>Platycheirus sp.</i>	1
<i>Rhinigia campestris</i>	1
<i>Sarcophaga sp.</i>	1
<i>Scaeva selenitica</i>	1
<i>Stelis sp.</i>	1
<i>Stenurella nigra</i>	1
<i>Stenurella sp.</i>	2
<i>Syrphus ribesii</i>	1
<i>Syrphus sp.</i>	1
<i>Thymelicus sylvestris</i>	1
<i>Volucella pellucens</i>	2
<b>Polygalaceae</b>	<b>80</b>
<i>Anthophora sp.</i>	6
<i>Apis mellifera</i>	6
<i>Argynnis elisa</i>	1
<i>Bombus lucorum</i>	1
<i>Bombus pascuorum</i>	8
<i>Bombus pratorum</i>	5
<i>Bombus terrestris</i>	11



	<i>Bombylius sp.</i>	7
	<i>Coccinella septempunctata</i>	1
	<i>Eucera longicornis</i>	2
	<i>Gonepteryx sp.</i>	5
	<i>Gonepteryx cleopatra</i>	2
	<i>Halictus sp.</i>	3
	<i>Hemaris fuciformis</i>	5
	<i>Macroglossum stellatarum</i>	9
	<i>Myrmeleon mariaemathildae</i>	1
	<i>Osmia rufa</i>	4
	<i>Papilio hospiton</i>	1
	<i>Polyommatus icarus</i>	1
	<i>Zygaena orana</i>	1
<b>Polygonaceae</b>		<b>2</b>
	<i>Melanostoma sp.</i>	1
	<i>Syritta pipiens</i>	1
<b>Primulaceae</b>		<b>119</b>
	<i>Aclastus sp.</i>	1
	<i>Aglais urticae</i>	1
	<i>Agyneta sp.</i>	1
	<i>Amphichroum canaliculatum</i>	1
	<i>Amphichroum hirtellum</i>	1
	<i>Andrena lapponica</i>	1
	<i>Anthophora plumipes</i>	2
	<i>Aphanotrigonum nigripes</i>	1
	<i>Aphidius avenae</i>	1
	<i>Aphidius ervi</i>	4
	<i>Aphidius sp.</i>	2
	<i>Baryscapus sp.</i>	1
	<i>Bathyphantes setiger</i>	1
	<i>Blastothrix turanica</i>	1
	<i>Bombus lapidarius</i>	1
	<i>Bombus pratorum</i>	1
	<i>Bombus terrestris</i>	1
	<i>Brachycaudus sp.</i>	1
	<i>Camptocladus stercorarius</i>	1
	<i>Cantharis nigricans</i>	1
	<i>Chaitophorus sp.</i>	1
	<i>Chorebus sp.</i>	1
	<i>Cinara sp.</i>	4
	<i>Coccinella septempunctata</i>	1
	<i>Corynoptera trepida</i>	1



<i>Ctenosciara hyalipennis</i>	1
<i>Delia platura</i>	3
<i>Dendrocerus rectangularis</i>	1
<i>Derocrepis rufipes</i>	1
<i>Diaeretiella sp.</i>	2
<i>Dolerus sp.</i>	1
<i>Ectopsocus sp.</i>	1
<i>Elachertus sp.</i>	1
<i>Elatobium abietinum</i>	1
<i>Eristalis similis</i>	1
<i>Eulachnus sp.</i>	1
<i>Eupeodes lapponicus</i>	1
<i>Eusphalerum signatum</i>	2
<i>Formica lemani</i>	7
<i>Formica lugubris</i>	1
<i>Frankliniella intonsa</i>	1
<i>Gonatocerus sp.</i>	1
<i>Lasioglossum sp.</i>	4
<i>Lasius fuliginosus</i>	1
<i>Leptocera caenosa</i>	2
<i>Leptosciarella hispida</i>	1
<i>Leptothorax acervorum</i>	2
<i>Macroglossum stellatarum</i>	2
<i>Macrosiphoniella sp.</i>	1
<i>Megaselia rufipes</i>	1
<i>Megaselia sp.</i>	1
<i>Meloe violaceus</i>	1
<i>Myrmica sulcinodis</i>	2
<i>Necremnus cosconius</i>	1
<i>Opalimosina mirabilis</i>	1
<i>Orchesella arcuata</i>	2
<i>Orchesella sp.</i>	1
<i>Orchestes fagi</i>	1
<i>Oscinella frit</i>	3
<i>Paregle coerulescens</i>	4
<i>Parorthocladus nudipennis</i>	1
<i>Pegoplata aestiva</i>	2
<i>Periphyllus sp.</i>	1
<i>Philonthus frigidus</i>	1
<i>Phora sp.</i>	1
<i>Phytomyza fuscula</i>	1
<i>Plagiosterna aenea</i>	2



<i>Probes caudiculatus</i>	1
<i>Quedius alpestris</i>	1
<i>Rhopalosiphum maidis</i>	1
<i>Scaeva dignota</i>	1
<i>Scaptomyza pallida</i>	2
<i>Scathophaga stercoraria</i>	1
<i>Smittia sp.</i>	1
<i>Spelobia clunipes</i>	1
<i>Sympiesis sp.</i>	1
<i>Thrips tabaci</i>	1
<i>Thrips vulgatissimus</i>	4
<i>Torymus baudysi</i>	1
<i>Trimorus arenicola</i>	1
<i>Zaphne frontata</i>	2

<b>Ranunculaceae</b>	<b>276</b>
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<i>Amphichroum canaliculatum</i>	1
<i>Andreana spp.</i>	36
<i>Andrena albicans</i>	1
<i>Andrena cineraria</i>	1
<i>Andrena thoracica</i>	1
<i>Anthonomus sp.</i>	1
<i>Anthophora balearica</i>	1
<i>Apis mellifera</i>	17
<i>Attagenus trifasciatus</i>	1
<i>Bellardia sp.</i>	1
<i>Bombus distinguendus</i>	1
<i>Bombus lapidarius</i>	2
<i>Bombus pascuorum</i>	2
<i>Bombus pratorum</i>	2
<i>Bombus ruderatus</i>	1
<i>Bombus spp.</i>	5
<i>Bombus terrestris</i>	40
<i>Bombus terrestris/lucorum</i>	1
<i>Brassicogethes aeneus</i>	2
<i>Camponotus lateralis</i>	1
<i>Cantharis sp.</i>	1
<i>Cheilosia pagana</i>	1
<i>Cheilosia sp.</i>	1
<i>Chlamydatus sp.</i>	1
<i>Ectemnius sp.</i>	1
<i>Elachiptera cornuta</i>	1
<i>Empis tessellata</i>	24



<i>Eristalis tenax</i>	1
<i>Eusphalerum limbatum diolii</i>	1
<i>Fannia canicularis</i>	1
<i>Formica lemani</i>	2
<i>Formica rufibarbis</i>	1
<i>Glyphipterix simpliciella</i>	1
<i>Halictus sp.</i>	1
<i>Isomira murina a. evonymi</i>	1
<i>Issoria lathonia</i>	1
<i>Lagria hirta</i>	1
<i>Lasioglossum morio</i>	1
<i>Lasioglossum sp.</i>	1
<i>Lasioglossum transitorium</i>	1
<i>Lasiommata maera</i>	1
<i>Lasius grandis</i>	3
<i>Lasius niger</i>	1
<i>Leptophyes punctatissima</i>	1
<i>Meligethes elongatus</i>	1
<i>Meligethinus pallidulus</i>	1
<i>Mordellistena sp.</i>	1
<i>Muopa sp.</i>	1
<i>Oedemera flavipes</i>	3
<i>Oedemera sp.</i>	1
<i>Osmia gallarum</i>	1
<i>Osmia rufa</i>	1
<i>Osmia cornuta</i>	39
<i>Papilio machaon</i>	1
<i>Paragus tibialis</i>	1
<i>Pegoplata sp.</i>	1
<i>Pholidoptera griseoptera</i>	1
<i>Pieris brassicae</i>	14
<i>Psylliodes pallidipennis</i>	1
<i>Scaeva sp.</i>	1
<i>Scatophaga sp.</i>	1
<i>Sphaerophoria scripta</i>	1
<i>Temnothorax specularis</i>	1
<i>Thricops semicinereus</i>	35
<i>Tropinota sp.</i>	1

<b>Rhamnaceae</b>	<b>11</b>
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<i>Apis mellifera</i>	3
<i>Bombus terrestris</i>	1
<i>Camponotus lateralis</i>	1



	<i>Lasius niger</i>	2
	<i>Lucilia caesar</i>	2
	<i>Tenthredo marginella</i>	2
<b>Rosaceae</b>		<b>30</b>
	<i>Andrena subopaca</i>	1
	<i>Apis mellifera</i>	1
	<i>Bombus lapidarius</i>	1
	<i>Bombus pratorum</i>	1
	<i>Bombus sp.</i>	1
	<i>Bombylius cruciatus</i>	1
	<i>Bombylius discolor</i>	1
	<i>Bombylius fimbriatus</i>	1
	<i>Bombylius major</i>	2
	<i>Bombylius sp.</i>	3
	<i>Brassicogethes aeneus</i>	1
	<i>Calliphora sp.</i>	2
	<i>Calliphora vomitoria</i>	1
	<i>Diplazon sp.</i>	1
	<i>Eurydema oleracea</i>	1
	<i>Lasioglossum morio</i>	2
	<i>Lasius niger</i>	2
	<i>Macroglossum stellatarum</i>	1
	<i>Oedemera tristis</i>	1
	<i>Pieris napi</i>	1
	<i>Platynochaetus setosus</i>	1
	<i>Scathophaga stercoraria</i>	1
	<i>Syromastus rhombeus</i>	1
	<i>Vanessa atlanta</i>	1
<b>Rutaceae</b>		<b>258</b>
	<i>Andrena nana</i>	2
	<i>Andrena similis</i>	1
	<i>Andrena sp.</i>	4
	<i>Anthidium sp.</i>	1
	<i>Anthophora plumipes</i>	7
	<i>Apis mellifera</i>	11
	<i>Bombus humilis</i>	1
	<i>Bombus pascuorum</i>	10
	<i>Bombus pratorum</i>	4
	<i>Bombus terrestris</i>	7
	<i>Bombylius sp.</i>	4
	<i>Ceratina cucurbitina</i>	17
	<i>Chrysura cuprea</i>	3



<i>Dirhinus sp.</i>	1
<i>Eucera longicornis</i>	2
<i>Eucera nigrescens</i>	5
<i>Habropoda tarsata</i>	17
<i>Halictus simplex complex</i>	7
<i>Halictus rubicundus</i>	1
<i>Halictus scabiosae</i>	1
<i>Halictus subauratus</i>	1
<i>Hylaeus brevicornis</i>	1
<i>Hylaeus hyalinatus</i>	2
<i>Lasioglossum albipes</i>	12
<i>Lasioglossum corvinum</i>	1
<i>Lasioglossum glabriusculum</i>	2
<i>Lasioglossum interruptum</i>	1
<i>Lasioglossum politum</i>	2
<i>Lasioglossum pygmaeum</i>	57
<i>Lasioglossum sexnotatum</i>	3
<i>Lomatia sp.</i>	1
<i>Lomatia lateralis</i>	1
<i>Lomatia sp.</i>	1
<i>Lycaena phlaeas</i>	1
<i>Macrophya montana</i>	1
<i>Magalodontes panzeri</i>	3
<i>Megachile circumcincta</i>	26
<i>Nomada sp.</i>	2
<i>Oedemera flavipes</i>	2
<i>Osmia aurulenta</i>	5
<i>Osmia bicornis</i>	7
<i>Osmia rufa</i>	1
<i>Oxythyrea funesta</i>	1
<i>Rhodoanthidium septemdentatum</i>	6
<i>Sarcophaga sp.</i>	1
<i>Sphecodes sp.</i>	2
<i>Symmorphus sp.</i>	1
<i>Tropinota squallida</i>	1
<i>Xylocopa iris</i>	1
<i>Xylocopa violacea</i>	5
<i>Zodion sp.</i>	1

**Salicaceae**

	<b>4</b>
<i>Apis mellifera</i>	1
<i>Bombus pratorum</i>	1
<i>Bombus terrestris</i>	1



	<i>Calliphora sp.</i>	1
<b>Sapindaceae</b>		<b>3</b>
	<i>Apis mellifera</i>	1
	<i>Bombus pascuorum</i>	1
	<i>Bombus ruderarius</i>	1
<b>Saxifragaceae</b>		<b>9</b>
	<i>Andrena sp.</i>	1
	<i>Bombus sp.</i>	1
	<i>Bombylius fimbriatus</i>	1
	<i>Bombylius major</i>	2
	<i>Brassicogethes aeneus</i>	1
	<i>Calliphora vomitoria</i>	1
	<i>Lasioglossum morio</i>	1
	<i>Osmia caerulescens</i>	1
<b>Scrophulariaceae</b>		<b>128</b>
	<i>Alastor atropos</i>	2
	<i>Andrena spp.</i>	3
	<i>Anthophora sp.</i>	1
	<i>Apis mellifera</i>	9
	<i>Bombus canariensis</i>	1
	<i>Bombus pascuorum</i>	3
	<i>Bombus pratorum</i>	1
	<i>Bombus terrestris lusitanicus</i>	6
	<i>Bombus terrestris sassaricus</i>	1
	<i>Dolichovesoula media</i>	2
	<i>Dolichovespula sylvestris</i>	2
	<i>Gallotia stehini</i>	3
	<i>Lasioglossum interruptum</i>	9
	<i>Lasioglossum morio</i>	1
	<i>Lasioglossum sp.</i>	1
	<i>Lasioglossum viride</i>	2
	<i>Melanostoma sp.</i>	1
	<i>Parus caeruleus</i>	4
	<i>Phylloscopus canariensis</i>	5
	<i>Phylloscopus collybita</i>	2
	<i>Polistes bischoffi</i>	1
	<i>Polistes gallicus</i>	8
	<i>Polistes nimpha</i>	8
	<i>Sylvia atricapilla</i>	12
	<i>Sylvia melanocephala</i>	12
	<i>Symmorphus gracilis</i>	2
	<i>Vesoula germanica</i>	1



	<i>Vesoula vulgaris</i>	1
	<i>Vespa crabro</i>	1
	<i>Vespula germanica</i>	12
	<i>Vespula vulgaris</i>	11
<b>Thymelaeaceae</b>		<b>4</b>
	<i>Plagiolepis pygmaea</i>	3
	<i>Tropinota hirta</i>	1
<b>Violaceae</b>		<b>15</b>
	<i>Bombus pascuorum</i>	2
	<i>Bombylius discolor</i>	2
	<i>Bombylius fimbriatus</i>	1
	<i>Bombylius major</i>	1
	<i>Bombylius torquatus</i>	1
	<i>Bombylius venosus</i>	1
	<i>Brassicogethes aeneus</i>	2
	<i>Bruchus sp.</i>	1
	<i>Hemaris tityus</i>	1
	<i>Lasius flavus</i>	1
	<i>Macroglossum stellatarum</i>	1
	<i>Platycheirus albimanus</i>	1

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**Table 3.** List of contributors participating in this activity (including their country and institution), ordered alphabetically first by country and then by participant name.

<b>'Fatal attraction' team</b>	<b>Country</b>	<b>Institution</b>
Matthias Kropf	Austria	Institute of Integrative Nature Conservation Research & Department of Integrative Biology and Biodiversity Research & University of Natural Resources and Life Sciences, Vienna
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Boštjan Surina	Croatia	Natural History Museum Rijeka, Rijeka
Tsipe Aavik	Estonia	Landscape Biodiversity Group, Tartu University
Alessandro Fisogni	France	University of Lille, CNRS, Lille
Regine Classen-Bockhoff	Germany	Institute of Organismic and Molecular Evolution, Johannes Gutenberg-University, Mainz
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Elena Carrió	Spain	Universidad Politécnica de Madrid, Madrid
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Clara Montgomery	Sweden	Lund University



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Sissi Lozada Gobilard	Sweden	Lund University

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**Appendix 1.** Metadata of the Excel file ‘DATASET Fatal attraction’ with the complete information regarding the topics, columns names and descriptions.

Topic	Columns names	Description	
Plant species identification	Family	Endangered plant family name	
	Species	Endangered plant species name	
	Author	Author of the plant species	
	subsp./var.	Endangered plant subspecific taxa	
	Author	Author of the plant subspecific taxa	
	Synonym	Synonyms available for the plant species (if applicable)	
	IUCN National	<b>IUCN Red List category in the country where the species was studied:</b>  CR - Critically Endangered  EN - Endangered  VU - Vulnerable  NT - Near Threatened  LC - Least Concern  EX - Extinct  EW - Extint in the Wild (EW)  RE - Regionally Extinct  DD - Data Deficient	
	IUCN Regional	(if applicable)	
	Identification of study site	Country	Country where the observations were undertaken
		Locality	Lowest administrative unit at the country level where the observations were undertaken
		Toponym	Name of the site where the observations were undertaken



	Coordinates (WGS84)	Coordinates provided in World Geodetic System 84 system. This information will be treated as CONFIDENTIAL INFORMATION and used only for general data analyses.
	Precise coordinates?	Yes/No
	Coordinates precision (km)	Provide the precision of the coordinates in the following categories: ≤0.5km, ≤1km, ≤5km, ≤10km.
	Habitat	Select one of the following options from <b>Habitats Directive</b> : <a href="https://lexparency.org/eu/31992L0043/ANX_1/">https://lexparency.org/eu/31992L0043/ANX_1/</a>
	Year of observation	Indicate the year of observation. <b>IMPORTANT NOTE:</b> a different row will have to be filled in for each year and interaction between the plant and each floral visitor species.
<b>Floral visitors identification</b> (IMPORTANT NOTE: a different row will have to be filled in for each year and interaction between the plant and each floral visitor species)	Family	Floral visitor family name
	Species	Floral visitor species name
	Type of floral visitor	<b>Choose one of the options below, based on the visitor behaviour defined by Inouye (1980):</b> <b>UN</b> - <i>Unkwon</i> - Floral visitors without pollinator behaviour observations or without efficiency studies <b>P</b> - <i>Pollinator</i> - Contact the reproductive parts of the flower and carries out pollination <b>NR</b> - <i>Nectar robber</i> - Nectar robbing through holes made in the flower <b>NT</b> - <i>Nectar thief</i> - The animal removes nectar from the flower without making holes and without contacting with the reproductive parts of the flower <b>PR</b> - <i>Pollen robber</i> - Removal of pollen through an incision in the flower (rare in nature and occurs in flowers with hidden anthers) <b>PT</b> - <i>Pollen thief</i> - The animal collects pollen directly from the anthers without touching the stigma
<b>Information source</b>	Publication	If published, provide DOI of the publication (preferred) or article reference if DOI not available. If not published, please include 'Personal field observations'
<b>Contributor ID</b>	Name	Name of the person contributing with the observations
	e-mail	e-mail contact for further contacts
	Institution	Affiliation of the contributor
<b>Notes</b>	<b>Please use this space to add any note you may find pertinent</b>	



**Excel Sheet - Participants INFO**

<b>Topic</b>	<b>Columns names</b>	<b>Description</b>
<b>Participants information</b>	<b>Co-author name</b>	Please indicate all the co-authors names
	<b>Institution</b>	Please indicate de institution of each co-author
	<b>Orcid</b>	Please indicate de Orcid of each co-author
	<b>E-mail</b>	Please indicate de e-mail contact of each co-author