



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</i> sp.	1
		<i>Bathyphantes setiger</i>	1
	Theridiidae		2
		<i>Enoplognatha ovata</i>	1
		<i>Episinus</i> sp.	1
	Thomisidae		2
<i>Synema globosum</i>		1	
<i>Xysticus</i> sp.		1	
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Coleoptera			202
Alleculidae		1	
	<i>Heliotaurus ruficollis</i>	1	
Bruchidae		1	
	<i>Spermophagus</i> sp.	1	
Cantharidae		3	
	<i>Cantharis nigricans</i>	1	
	<i>Rhagonycha fulva</i>	2	
Cantharinae		1	
	<i>Cantharis</i> sp.	1	
Cerambycidae		15	
	<i>Alosterna tabacicolor</i>	1	
	<i>Cerambyx scopoli</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</i> sp.	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
Coccinellidae		6
	<i>Coccinella septempunctata</i>	4
	<i>Harmonia</i> sp.	2
Curculionidae		3
	<i>Anthonomus</i> sp.	1
Curculionidae		1
	<i>Orchestes (Salius) fagi</i>	1
Dasytidae		2
	<i>Dasytes terminalis</i>	1
	<i>Psilothrix viridicoerulea</i>	1
Dermestidae		5
	<i>Anthrenus festivus</i>	1
	<i>Attagenus pello</i>	1
	<i>Attagenus trifasciatus</i>	3
Elateridae		4
	<i>Ampedus pomorum</i>	1
	<i>Cardiophorus gramineus</i>	1
	<i>Cardiophorus</i> sp.	2
Malachidae		4
	<i>Malachius bipustulatus</i>	4
	<i>Malachius laticollis</i>	1
	<i>Malachius lusitanicus</i>	1
	<i>Malachius</i> sp.	1
		1
Meloidae		3
	<i>Lytta vesicatoria</i>	1
	<i>Meloe violaceus</i>	1
	<i>Mylabris</i> sp.	1
Melyridae		15
	<i>Clanoptilus</i> sp.	1
	<i>Danacea</i> sp.	2



	<i>Dasytes nigropunctatus</i>	1
	<i>Dasytes plumbeus</i>	2
	<i>Dasytes</i> sp.	1
	<i>Dasytes subaeneus</i>	3
	<i>Enicopus ibericus</i>	1
	<i>Eunicopus</i> sp.	1
	<i>Psilothrix</i> sp.	1
	<i>Psilothrix viridicoerulea</i>	2
Mordellidae		6
	<i>Mordellistena gemellata</i>	3
	<i>Mordellistena</i> spp.	3
Nitidulidae		40
	<i>Brachypterus</i> sp.	1
	<i>Brassicogethes aeneus</i>	29
	<i>Brassicogethes</i> sp.	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</i> sp.	1
	<i>Meligethinus pallidulus</i>	1
Oedemeridae		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</i> sp.	7
	<i>Oedemera tristis</i>	1
	<i>Oedemera virescens</i>	2
	<i>Oncomera fasciata</i>	2
Rhadalidae		1
	<i>Aplocnemus aubei</i>	1
Scarabaeidae		24
	<i>Cetonia aurata</i>	3
	<i>Omaloplia</i> sp.	1
	<i>Oxythyrea cinctella</i>	2
	<i>Oxythyrea funesta</i>	4
	<i>Tropinota hirta</i>	4
	<i>Tropinota</i> sp.	1
	<i>Tropinota squalida</i>	8



	<i>Valgus hemipterus</i>	1
Scraptiidae		2
	<i>Anaspis</i> sp.	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</i> subsp. <i>angulatum</i>	2
	<i>Philonthus (Philonthus) frigidus</i>	1
	<i>Quedius alpestris</i>	1
	<i>Staphylinidae</i>	1
	<i>Anthobium</i> sp.	1
Tenebrionidae		3
	<i>Cteniopus sulphureus</i>	1
	<i>Lagria hirta</i>	1
	<i>Isomira murina</i>	1
Dermaptera		2
	Forficulidae	2
	<i>Apterygida albipennis</i>	2
Diptera		660
	Agromyzidae	1
	<i>Phytomyza fuscula</i>	1
	Anthomyiidae	15
	<i>Botanophila</i> sp.	2
	<i>Delia platura</i>	3
	<i>Delia</i> sp.	1
	<i>Paregle coerulescens</i>	4
	<i>Pegoplata aestiva</i>	2
	<i>Pegoplata</i> sp.	1
	<i>Zaphne frontata</i>	2
	Bibionidae	4
	<i>Bibio marci</i>	1
	<i>Bibio</i> sp.	3
	Bombyliidae	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</i> sp.	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</i> sp.	1
	<i>Lomatia lateralis</i>	2
	<i>Lomatia</i> sp.	1
	<i>Systoechus gradatus</i>	1
	<i>Systoechus</i> sp.	1
	<i>Thyridanthrax elegans</i>	1
	<i>Thyridanthrax nebulosus</i>	1
	<i>Thyridanthrax</i> sp.	1
	<i>Usia</i> sp.	1
	<i>Villa brunnea</i>	1
Calliphoridae		41
	<i>Bellardia</i> sp.	1
	<i>Bellardia stricta</i>	1
	<i>Bellardia viarum</i>	1
	<i>Bellardia vulgaris</i>	1
	<i>Calliphora</i> sp.	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</i> sp.	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</i> sp.	2
	<i>Pollenia vera</i>	1
	<i>Protocaliphora</i> sp.	1
	<i>Stomorphina lunata</i>	1
Chironomidae		3
	<i>Camptocladius stercorarius</i>	1
	<i>Parorthocladius nudipennis</i>	1
	<i>Smittia</i> sp.	1
Chloropidae		5
	<i>Aphanotrigonum nigripes</i>	1
	<i>Elachiptera cornuta</i>	1
	<i>Oscinella frit</i>	3
Conopidae		3
	<i>Muopa</i> sp.	1
	<i>Thecophora</i> sp.	1
	<i>Zodion</i> sp.	1
Drosophilidae		5
	<i>Drosophila transversa</i>	1
	<i>Scaptomyza pallida</i>	3
	<i>Sceptomyza graminium</i>	1
Empididae		26
	<i>Empis opaca</i>	1
	<i>Empis</i> sp.	6
	<i>Empis tessellata</i>	19
Fannidae		1
	<i>Fannia canicularis</i>	1
	Fanniidae	3
	<i>Fannia norvegica</i>	1
	<i>Fannia parva</i>	1
	<i>Fannia</i> sp.	1
Muscidae		47
	<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
Mythicomyiidae		1
	<i>Empidideicus</i> sp.	1
Nemestrinidae		3
	<i>Fallenia fasciata</i>	3
Phoridae		5
	<i>Megaselia rufipes</i>	1
	<i>Megaselia</i> sp.	3
	<i>Phora</i> sp.	1
Sarcophagidae		24
	<i>Helicophagella</i> sp.	1
	<i>Parasarcophaga</i> sp.	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</i> sp.	7
	<i>Sarcophaga variegata</i>	1
	<i>Sarcophaga villeneuvei</i>	1
	<i>Sarcophagidae</i> sp.	1
	<i>Sarcotachina</i> sp.	1
Scathophagidae		3
	<i>Scathophaga stercoraria</i>	2
	<i>Scatophaga</i> sp.	1
Sciaridae		4
	<i>Corynoptera trepida</i>	1
	<i>Ctenosciara hyalipennis</i>	1
	<i>Leptosciarella hispida</i>	1
	<i>Sciara</i> sp.	1
Sphaeroceridae		4
	<i>Leptocera caenosa</i>	2



	<i>Opalimosina (Opalimosina) mirabilis</i>	1
	<i>Spelobia clunipes</i>	1
Stratiomyidae		2
	<i>Chloromyia formosa</i>	1
	<i>Odontomyia ornata</i>	1
Syrphidae		268
	<i>Allograpta nasuta</i>	1
	<i>Cheilosia morio</i>	1
	<i>Cheilosia pagana</i>	1
	<i>Cheilosia</i> sp.	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 albostriatus</i>	1
	<i>Dasysyrphus friuliensis</i>	1
	<i>Dasysyrphus venustus</i>	1
	<i>Epistrophe eligans</i>	1
	<i>Episyrphus balteatus</i>	17
	<i>Episyrphus</i> sp.	9
	<i>Eristalinus aeneus</i>	2
	<i>Eristalinus</i> sp.	1
	<i>Eristalis arbustorum</i>	4
	<i>Eristalis rupium</i>	2
	<i>Eristalis similis</i>	2
	<i>Eristalis</i> sp.	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</i> sp.	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 albostriatus</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</i> spp.	5
	<i>Syritta pipiens</i>	8
	<i>Syrphus latifasciatus</i>	1
	<i>Syrphus ribesii</i>	9
	<i>Syrphus</i> sp.	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
Tabanidae		1
	<i>Haematopota pluvialis</i>	1
Tachinidae		9
	<i>Besseria lateritia</i>	1
	<i>Besseria</i> sp.	1
	<i>Besseria zonaria</i>	1
	<i>Eurithia intermedia</i>	1
	<i>Exorista</i> sp.	1
	<i>Fausta nemorum</i>	1
	<i>Huebneria affinis</i>	1
	<i>Hyleorus elatus</i>	1
	<i>Voria ruralis</i>	1
Tephritidae		4
	<i>Dasyneura</i> sp.	2
	<i>Terellia ceratocera</i>	1
	<i>Terrelia luteola</i>	1
Entomobryomorpha		3
	Entomobryidae	3
	<i>Orchesella arcuata</i>	2
	<i>Orchesella</i> sp.	1
Hemiptera		30
	Aphididae	12
	<i>Acyrtosiphon malvae</i>	1
	<i>Brachycaudus</i> sp.	1
	<i>Chaitophorus</i> sp.	1
	<i>Cinara</i> sp.	4
	<i>Elatobium abietinum</i>	1



	<i>Eulachnus</i> sp.	1
	<i>Macrosiphoniella</i> sp.	1
	<i>Periphyllus</i> sp.	1
	<i>Rhopalosiphum maidis</i>	1
Coreidae		1
	<i>Syromastus rhombeus</i>	1
Cydnidae		1
	<i>Tritomegas</i> sp.	1
Lygaeidae		3
	<i>Lygaeus militaris</i>	2
	<i>Lygaeus</i> sp.	5
	<i>Lygaeidae</i>	1
Miridae		4
	<i>Centrocoris</i> sp.	1
	<i>Chlamydatus</i> sp.	1
	<i>Hadrodemus m-flavum</i>	2
Pentatomidae		7
	<i>Dolycoris baccarum</i>	1
	<i>Eurydema oleracea</i>	4
	<i>Holcostethus sphacelatus</i>	1
	<i>Piezodorus lituratus</i>	1
Stenocephalidae		1
	<i>Dicranocephalus</i> sp.	1
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Hymenoptera		1563
Andrenidae		134
	<i>Andreana</i> sp.	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
Apidae		700
	<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</i> sp.	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</i> spp.	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</i> sp.	2
<i>Habropoda tarsata</i>	17
<i>Melecta luctuosa</i>	1
<i>Melecta</i> sp.	3
<i>Nomada panzeri</i>	2
<i>Nomada</i> sp.	3
<i>Psithyrus</i> sp.	1
<i>Thyreus histrionicus</i>	1
<i>Thyreus</i> sp.	1
<i>Xylocopa iris</i>	1
<i>Xylocopa violacea</i>	17



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



Eulophidae		4
	<i>Baryscapus</i> sp.	1
	<i>Elachertus</i> sp.	1
	<i>Necremnus cosconius</i>	1
	<i>Sympiesis</i> sp.	1
Eumeninae		4
	<i>Alastor atropos</i>	2
	<i>Symmorphus gracilis</i>	2
Formicidae		109
	<i>Aphaenogaster</i> sp.	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</i> sp.	2
	<i>Leptothorax acervorum</i>	2
	<i>Leptothorax</i> sp.	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



Gasteruptiidae		1
	<i>Gasteruption</i> sp.	1
Halictidae		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</i> sp.	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</i> sp.	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</i> sp.	1
	<i>Seladonia smaragdula</i> complex	1
	<i>Sphecodes</i> sp.	3
	<i>Lasioglossum albomaculata</i>	1
	<i>Lasioglossum lativentre</i>	1
	<i>Lasioglossum morio</i>	1
	<i>Lasioglossum smeathmanellum</i>	1
Ichneumonidae		3
	<i>Aclastus</i> sp.	1
	<i>Diplazon</i> sp.	1
	<i>Probles (Microdiaparsis) caudiculatus</i>	1
Megachilidae		209
	<i>Anthidium manicatum</i>	5
	<i>Anthidium</i> sp.	2
	<i>Anthidium sticticum</i>	3
	<i>Chelostoma campanularum</i>	1
	<i>Chelostoma nigricorne</i>	1
	<i>Chelostoma</i> sp.	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</i> sp.	4
	<i>Megachile</i> spp.	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</i> sp.	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</i> sp.	3
	<i>Rhodanthidium sticticum</i>	2
	<i>Stelis nasuta</i>	1
	<i>Stelis phaeoptera</i>	1
	<i>Stelis punctulatissima</i>	2
	<i>Stelis</i> sp.	1
Megalodontesidae		3
	<i>Magalodontes panzeri</i>	3
Megaspilidae		1
	<i>Dendrocerus rectangularis</i>	1
Melittidae		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
Mymaridae		1
	<i>Gonatocerus</i> sp.	1
	<i>Platygastridae</i>	1
	<i>Trimorus arenicola</i>	1
Scoliidae		4
	<i>Colpa sexmaculata</i>	1
	<i>Megascolia bidens</i>	2
	<i>Scolia hirta</i>	1
Sphecidae		7
	<i>Ammophila heydeni</i>	1
	<i>Ammophila</i> sp.	1
	<i>Podalonia hirsute</i>	1
	<i>Prionyx</i> sp.	1
	<i>Prionyx subfuscatus</i>	1
	<i>Sceliphron destillatorium</i>	2
Tenthredinidae		9
	<i>Allantus cinctus</i>	1
	<i>Dolerus</i> sp.	1
	<i>Hoplocampa plagiata</i>	1
	<i>Macrophya montana</i>	1
	<i>Tenthredo marginella</i>	2
	<i>Tenthredo</i> sp.	3
Torymidae		1
	<i>Torymus baudysi</i>	1
Vespidae		61
	<i>Ancistrocerus</i> sp.	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</i> sp.	3
	<i>Symmorphus</i> sp.	1
	<i>Vespa crabro</i>	3
	<i>Vespula germanica</i>	13
	<i>Vespula vulgaris</i>	13
Lepidoptera		295
	Choreutidae	1
	<i>Tebenna micalis</i>	1



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



Nymphalidae		38
	<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
Nymphalidae		5
	<i>Lasiommata megera</i>	4
	<i>Lasiommata sp.</i>	1
	Papilionidae	5
	<i>Papilio hospiton</i>	1
	<i>Papilio machaon</i>	3
	<i>Parnassius mnemosyne</i>	1
Pieridae		113
	<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 cramerii</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
Satyridae		4
	<i>Coenonympha arcania</i>	1
	<i>Coenonympha pamphilos</i>	1
	<i>Maniola jurtina</i>	1
	<i>Melanaghia galathea</i>	1
Scythrididae		1
	<i>Scythris</i> sp.	1
Sesiidae		2
	<i>Pyropteron hispanica</i>	1
	<i>Pyropteron</i> sp.	1
Sphingidae		58
	<i>Hemaris fuciformis</i>	5
	<i>Hemaris</i> sp.	1
	<i>Hemaris tityus</i>	2
	<i>Hyles gallii</i>	2
	<i>Macroglossum</i> sp.	1
	<i>Macroglossum stellatarum</i>	47
Zygaenidae		4
	<i>Zygaena filipendulae</i>	1
	<i>Zygaena orana</i>	1
	<i>Zygaena purpuralis</i>	1
	<i>Zygaena transalpina</i>	1
Mecoptera		1
	Panorpidae	1
	<i>Panorpa germanica</i>	1
Orthoptera		3
	Catantopidae	1
	<i>Pezotettix giornai</i>	1
	Tettigoniidae	2
	<i>Leptophyes punctatissima</i>	1
	<i>Pholidoptera griseoptera</i>	1
Passeriformes		35
	Paridae	4
	<i>Parus caeruleus</i>	4
	Sylviidae	31
	<i>Phylloscopus canariensis</i>	5



		<i>Phylloscopus collybita</i>	2
		<i>Sylvia atricapilla</i>	12
		<i>Sylvia melanocephala</i>	12
	Psocodea		1
		<i>Ectopsocidae</i>	1
		<i>Ectopsocus</i> sp.	1
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Squamata			3
	Lacertidae		3
		<i>Gallotia stehini</i>	3
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Thysanoptera			10
	Thripidae		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</i> sp.	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
Adoxaceae		1
	<i>Thrips major</i>	1
Amaryllidaceae		27
	<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</i> sp.	1
	<i>Clubiona pallidula</i>	1
	<i>Clubiona terrestris</i>	1
	<i>Dasytes plumbeus</i>	2
	<i>Empis</i> sp.	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
Apiaceae		182
	<i>Andrena flavipes</i>	2
	<i>Andrena pilipes</i>	1
	<i>Arge pagana</i>	1
	<i>Arge</i> sp.	1
	<i>Bellardia stricta</i>	1
	<i>Bellardia viarum</i>	1
	<i>Bellardia vulgaris</i>	1
	<i>Botanophila</i> sp.	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</i> sp.	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</i> sp.	1
<i>Fausta nemorum</i>	1
<i>Gasteruption</i> sp.	1
<i>Haematopota pluvialis</i>	1
<i>Halictus subauratus meridionalis</i>	2
<i>Helicophagella</i> sp.	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</i> sp.	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</i> sp.	2
<i>Melanostoma mellinum</i>	1
<i>Merodon aurifer</i>	2
<i>Merodon avidus</i>	2
<i>Merodon italicus</i>	2
<i>Mordellistena</i> spp.	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</i> sp.	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</i> sp.	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</i> sp.	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</i> sp.	1
	<i>Tiphia</i> sp.	2
	<i>Vespula germanica</i>	1
	<i>Vespula vulgaris</i>	1
	<i>Voria ruralis</i>	1
Apocynaceae		12
	<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
Asparagaceae		4
	<i>Anthophora plumpies</i>	1
	<i>Apis mellifera</i>	1
	<i>Bombus pratorum</i>	1
	<i>Bombylius fimbriatus</i>	1
Asteraceae		85
	<i>Ampedus pomorum</i>	1
	<i>Andrena</i> sp.	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</i> sp.	1
<i>Bombus terrestris</i>	1
<i>Bombylius ater</i>	1
<i>Bombylius fimbriatus</i>	1
<i>Bombylius major</i>	1
<i>Bombylius</i> sp.	1
<i>Brassicogethes aeneus</i>	5
<i>Ceratina chalcites</i>	1
<i>Ceratina</i> sp.	1
<i>Cheilisia</i> sp.	1
<i>Chelostoma</i> sp.	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</i> sp.	2
<i>Heriades rubicola</i>	1
<i>Lasioglossum morio</i>	2
<i>Lasioglossum</i> sp.	1
<i>Lasioglossum</i> spp.	5
<i>Lasiommata maera</i>	1
<i>Lasiommata</i> sp.	1
<i>Lasius flavus</i>	2
<i>Lasius niger</i>	3
<i>Lasioglossum morio</i>	1
<i>Lycaena</i> sp.	1
<i>Lysandra belargus</i>	1
<i>Maniola jurtina</i>	1
<i>Megachile melanopyga</i>	1
<i>Megachile</i> sp.	1
<i>Melanaghia galathea</i>	1
<i>Melanargia arge</i>	1
<i>Mellicta athalia</i>	1
<i>Nomada</i> sp.	1
<i>Oedemera atrata</i>	1
<i>Oedemera femorata</i>	1
<i>Oedemera nobilis</i>	1
<i>Oedemera</i> sp.	1



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

Boraginaceae **47**

<i>Andrena</i> sp.	1
<i>Anthidium</i> sp.	1
<i>Anthophora plumpies</i>	1
<i>Anthophora</i> sp.	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</i> sp.	2
<i>Bombus terrestris</i>	1
<i>Bombylius discolor</i>	2
<i>Bombylius fimbriatus</i>	3
<i>Bombylius major</i>	3
<i>Bombylius</i> sp.	4
<i>Brassicogethes aeneus</i>	1
<i>Calliphora vomitoria</i>	1
<i>Chelostoma</i> sp.	1
<i>Eucera</i> sp.	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
Brassicaceae		257
	<i>Aglais urticae</i>	1
	<i>Altica</i> sp.	1
	<i>Anaspis</i> spp.	2
	<i>Andrena agillissima</i>	1
	<i>Andrena orotavensis</i>	1
	<i>Andrena parvula</i>	1
	<i>Andrena</i> spp.	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</i> sp.	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</i> spp.	9
	<i>Brachypterus</i> sp.	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</i> spp.	2
<i>Lasioglossum xanthopus</i>	3
<i>Lasiommata megera</i>	1
<i>Lasius flavus</i>	1
<i>Lasius niger</i>	5
<i>Lasius</i> sp.	1
<i>Lasioglossum albomaculata</i>	1
<i>Leptothorax</i> sp.	1
<i>Lycaena</i> sp.	1
<i>Lygaeus militaris</i>	2
<i>Lygaeus</i> sp.	1
<i>Macroglossum stellatarum</i>	4
<i>Malachius laticollis</i>	1
<i>Malachius lusitanicus</i>	1
<i>Melanostoma scalare</i>	1
<i>Melecta</i> sp.	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</i> sp.	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</i> sp.	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</i> sp.	1
	<i>Psilothrix</i> sp.	1
	<i>Scaeva albomaculata</i>	1
	<i>Scaeva selenitica</i>	1
	<i>Spermophagus</i> sp.	1
	<i>Sphaerophoria scripta</i>	1
	<i>Sphecodes</i> sp.	1
	<i>Syrphus</i> sp.	1
	<i>Tapinoma nigerrimum</i>	1
	<i>Thymelicus</i> sp.	1
	<i>Titania pollinaris</i>	1
	<i>Tropinota squalida</i>	2
	<i>Vanessa cardui</i>	2
	<i>Xylocopa violacea</i>	1
Butomaceae		1
	<i>Sphaerophoria scripta</i>	1
Campanulaceae		146
	<i>Ammophila heydeni</i>	1
	<i>Ammophila</i> sp.	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</i> sp.	1
	<i>Besseria zonaria</i>	1
	<i>Bombus pascuorum</i>	3
	<i>Bombus pratorum</i>	4
	<i>Bombus</i> sp.	1
	<i>Bombus</i> sp.	1
	<i>Bombus terrestris</i>	1
	<i>Bombylius</i> spp.	5



<i>Carcharodus alceae</i>	1
<i>Ceratina cyanea</i>	1
<i>Ceratina</i> sp.	1
<i>Coelioxys inermis</i>	1
<i>Colias croceus</i>	1
<i>Colletes</i> sp.	1
<i>Colletes succinctus</i>	1
<i>Dasypoda hirtipes</i>	1
<i>Empidideicus</i> sp.	1
<i>Eristalinus aeneus</i>	1
<i>Eristalinus</i> sp.	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</i> sp.	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</i> spp.	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</i> spp.	3
<i>Melanostoma scalare</i>	3
<i>Melinda</i> sp.	1
<i>Melitta haemorrhoidalis</i>	1
<i>Nomioides</i> sp.	1
<i>Oedemera flavipes</i>	1
<i>Panurgus</i> spp.	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</i> sp.	1
<i>Sacrotachina umbrinervis</i>	1
<i>Sarcophaga longestylata</i>	1
<i>Sarcophagidae</i> spp.	2
<i>Sarcotachina</i> sp.	1
<i>Scaeva pyrastris</i>	2
<i>Scythris</i> sp.	1
<i>Sphaerophoria scripta</i>	1
<i>Sphaerophoria</i> spp.	3
<i>Stizus ruficornis</i>	1
<i>Stomorhina lunata</i>	1
<i>Syritta pipiens</i>	1
<i>Syrphus ribesii</i>	1
<i>Systoechus</i> sp.	1
<i>Tachysphex</i> sp.	1
<i>Tachytes freygessneri</i>	1
<i>Tebenna micalis</i>	1
<i>Thecophora</i> sp.	1
<i>Thyridanthrax elegans</i>	1
<i>Thyridanthrax nebulosus</i>	1
<i>Thyridanthrax</i> sp.	1
Caprifoliaceae	1
<i>Brassicogethes aeneus</i>	1
Caryophyllaceae	306
<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</i> sp.	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</i> sp.	2
<i>Anthrax trifasciatus</i>	1
<i>Apis mellifera</i>	2
<i>Argynnis adippe</i>	1
<i>Autographa gamma</i>	9
<i>Autographa</i> sp.	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</i> spp.	13
<i>Bombylius venosus</i>	1
<i>Brassicogethes aeneus</i>	1
<i>Cheilosia</i> sp.	1
<i>Chelostoma</i> sp.	1
<i>Colletes hylaeiformis</i>	1
<i>Episyrphus balteatus</i>	2
<i>Episyrphus</i> sp.	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</i> sp.	10
<i>Halictus rubicundus</i>	3
<i>Halictus scabiosae</i>	1
<i>Heliothis</i> sp.	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</i> sp.	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</i> sp.	2
<i>Melecta luctuosa</i>	1
<i>Neoascia podagrica</i>	1
<i>Oedemera flavipes</i>	5
<i>Oedemera</i> sp.	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</i> sp.	2
<i>Sphaerophoria scripta</i>	2
<i>Sphaerophoria</i> sp.	1
<i>Stenurella nigra</i>	5
<i>Syrphus ribesii</i>	1
<i>Syrphus</i> sp.	9
<i>Systoechus gradatus</i>	1
<i>Tenthredo</i> sp.	2
<i>Triglyphus primus</i>	1
<i>Tropinota squalida</i>	5
<i>Vanessa atalanta</i>	1
<i>Villa brunnea</i>	1
<i>Xanthogramma pedissequum</i>	2
<i>Xylocopa violacea</i>	5

Cistaceae	33
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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</i> sp.	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</i> sp.	1
<i>Osmia fallax</i>	1
<i>Osmia ferruginea</i>	1
<i>Osmia tricornis</i>	1
<i>Oxythyrea funesta</i>	1
<i>Paragus</i> sp.	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
Dioscoreaceae	6
<i>Camponotus cruentatus</i>	2
<i>Lasius cinereus</i>	2
<i>Lasius grandis</i>	2
Dipsacaceae	6
<i>Apis mellifera</i>	2
<i>Bombus</i> sp.	2
<i>Hesperia comm</i>	1
<i>Spialia orbifer</i>	1
Droseraceae	2
<i>Paragus haemorrhous</i>	1
<i>Sphaerophoria scripta</i>	1
Drosophyllaceae	12
<i>Andrena</i> sp.	1



	<i>Dasygaster hirtipes</i>	1
	<i>Episyrphus</i> sp.	1
	<i>Eristalis</i> sp.	1
	<i>Eunicopus</i> sp.	1
	<i>Halictus scabiosae</i>	1
	<i>Omaloplia</i> sp.	1
	<i>Oxythirea funesta</i>	1
	<i>Panurgus banksianus</i>	1
	<i>Panurgus cephalotes</i>	1
	<i>Panurgus</i> sp.	1
	<i>Usia</i> sp.	1
Ericaceae		6
	<i>Anthophora dalmatica</i>	2
	<i>Anthophora plumipes</i>	2
	<i>Bombus terrestris</i>	2
Euphorbiaceae		20
	<i>Agelastica alni</i>	1
	<i>Brassicogethes aeneus</i>	2
	<i>Bruchus</i> sp.	1
	<i>Calliphora vomitoria</i>	1
	<i>Dicranocephalus</i> sp.	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
Fabaceae		87
	<i>Abia sericea</i>	1
	<i>Ancistrocerus</i> sp.	1
	<i>Andrena russula</i>	18
	<i>Anthidium manicatum</i>	2
	<i>Anthophora dispar</i>	2
	<i>Anthophora plumipes</i>	6
	<i>Anthophora</i> sp.	1
	<i>Aphaenogaster</i> sp.	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</i> sp.	1
<i>Calliphora vicina</i>	1
<i>Callophrys rubi</i>	1
<i>Centrocoris</i> sp.	1
<i>Chrysis</i> sp.	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

Gentianaceae**13**

<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</i> spp.	3
<i>Bombus terrestris</i>	1
<i>Bombylius</i> sp.	1



	<i>Colias croceus</i>	1
	<i>Myathropa florea</i>	1
Geraniaceae		61
	<i>Acyrtosiphon malvae</i>	1
	<i>Andrena bicolor</i>	1
	<i>Andrena fulva</i>	1
	<i>Andrena haemorrhoa</i>	1
	<i>Andrena</i> sp.	1
	<i>Anthobium</i> sp.	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</i> sp.	2
	<i>Chelostoma campanularum</i>	1
	<i>Chelostoma nigricorne</i>	1
	<i>Chelostoma</i> sp.	2
	<i>Coelioxys inermis</i>	1
	<i>Coelioxys rufescens</i>	1
	<i>Empis</i> sp.	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
Gesneriaceae		6
	<i>Bombus haematurus</i>	2
	<i>Bombus lucorum</i>	2
	<i>Bombylius</i> sp.	2
Grossularaceae		2
	<i>Andrena cineraria</i>	1
	<i>Formica rufa</i>	1
Hyacinthaceae		1
	<i>Sphaerophoria</i> sp.	1
Hypericaceae		1
	<i>Lasioglossum malachurum</i>	1
Iridaceae		2
	<i>Aglais</i> sp.	1
	<i>Apis mellifera</i>	1
Lamiaceae		151
	<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</i> sp.	4



<i>Bombus terrestris</i>	11
<i>Bombylius fimbriatus</i>	1
<i>Bombylius major</i>	2
<i>Bombylius</i> sp.	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</i> sp.	1
<i>Episyrphus balteatus</i>	1
<i>Eupeodes lapponicus</i>	1
<i>Eupeodes luniger</i>	1
<i>Eupeodes</i> sp.	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</i> sp.	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</i> sp.	1
<i>Leptidea sinapis</i>	1
<i>Macroglossum</i> sp.	1
<i>Megachile pilicrus</i>	1
<i>Megachile pilidens</i>	1
<i>Megachile sculpturalis</i>	1
<i>Melecta</i> sp.	2
<i>Merodon avium/moenium</i>	1
<i>Myrmica schencki</i>	1



<i>Ochlodes</i> sp.	1
<i>Osmia aurulenta</i>	3
<i>Osmia bicolor</i>	5
<i>Osmia bicornis</i>	1
<i>Osmia rufa</i>	4
<i>Osmia</i> sp.	2
<i>Psithyrus</i> sp.	1
<i>Rhodanthidium septemdentatum</i>	1
<i>Rhodanthidium</i> sp.	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</i> sp.	1
<i>Tropinota hirta</i>	3
<i>Xylocopa violacea</i>	2
<i>Xysticus</i> sp.	1
Lentibulariaceae	13
<i>Andrena</i> sp.	1
<i>Anthophora</i> sp.	1
<i>Bombus pascuorum</i>	1
<i>Bombus terrestris</i>	1
<i>Bombylius</i> sp.	1
<i>Eusphalerum scribeae</i>	1
<i>Halictus</i> sp.	1
<i>Lasioglossum</i> sp.	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
Liliaceae	37
<i>Amata</i> sp.	1
<i>Andrena bicolor</i>	1
<i>Andrena lapponica</i>	1
<i>Andrena mitis</i>	1
<i>Andrena</i> sp.	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</i> sp.	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</i> sp.	1
	<i>Lygaeus</i> sp.	1
	<i>Polistes</i> sp.	1
	<i>Scaeva pyrastris</i>	1
Malvaceae		13
	<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</i> sp.	1
	<i>Oedemera flavipes</i>	2
	<i>Seladonia smaragdula complex</i>	1
	<i>Xylocopa violacea</i>	1
Oleaceae		1
	<i>Hylaeus punctatus</i>	1
Orchidaceae		167
	<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</i> sp.	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</i> sp.	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</i> spp.	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</i> sp.	1
<i>Drosophila transversa</i>	1
<i>Empis</i> sp.	3
<i>Empis tessellata</i>	1
<i>Episyrphus balteatus</i>	1
<i>Episyrphus</i> sp.	3
<i>Eristalis rupium</i>	1
<i>Eristalis</i> sp.	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</i> sp.	1
<i>Syrirta pipiens</i>	1
<i>Syrphus ribesii</i>	1
<i>Syrphus</i> sp.	1
<i>Syrphus vitripennis</i>	1
Paeoniaceae	6
<i>Apis mellifera</i>	1
<i>Cerambyx scopolii</i>	1
<i>Cetonia aurata</i>	1
<i>Dinoptera collaris</i>	1
<i>Polistes</i> sp.	1
<i>Vespa crabro</i>	1
Papaveraceae	3
<i>Anthophora plumpies</i>	1
<i>Bombus pascuorum</i>	1
<i>Brassicogethes aeneus</i>	1
Plantaginaceae	38
<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</i> sp.	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</i> sp.	1
<i>Lasioglossum morio</i>	1
<i>Lasioglossum nitidulum</i>	1
<i>Lasioglossum prasinum</i>	1
<i>Lasioglossum</i> spp.	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

Plumbaginaceae	66
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<i>Andrena</i> sp.	1
<i>Anthophora plumipes</i>	1
<i>Aphaenogaster</i> sp.	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</i> sp.	1



<i>Ceriana</i> sp.	1
<i>Ceylalictus variegatus</i>	1
<i>Cheilosia</i>	1
<i>Colias croceus</i>	1
<i>Episyrrhus</i> sp.	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</i> sp.	1
<i>Halictus tumulorum</i>	1
<i>Hylaeus signatus</i>	2
<i>Lasioglossum</i> sp.	1
<i>Lasioglossum smeathmanellum</i>	1
<i>Leptotes pirthous</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</i> sp.	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</i> sp.	1
<i>Pyronia cecilia</i>	1
<i>Rhodanthidium</i> sp.	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
Polemoniaceae	57
<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</i> sp.	2
<i>Botanophila</i> sp.	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</i> sp.	1
<i>Megachile</i> sp.	3
<i>Oedemera virescens</i>	2
<i>Parnassius mnemosyne</i>	1
<i>Phaonia angelicae</i>	1
<i>Platycheirus albimanus</i>	1
<i>Platycheirus</i> sp.	1
<i>Rhinigia campestris</i>	1
<i>Sarcophaga</i> sp.	1
<i>Scaeva selenitica</i>	1
<i>Stelis</i> sp.	1
<i>Stenurella nigra</i>	1
<i>Stenurella</i> sp.	2
<i>Syrphus ribesii</i>	1
<i>Syrphus</i> sp.	1
<i>Thymelicus sylvestris</i>	1
<i>Volucella pellucens</i>	2

Polygalaceae	80
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<i>Anthophora</i> sp.	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</i> sp.	7
	<i>Coccinella septempunctata</i>	1
	<i>Eucera longicornis</i>	2
	<i>Gonepteryx</i> sp.	5
	<i>Gonepteryx cleopatra</i>	2
	<i>Halictus</i> sp.	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
Polygonaceae		2
	<i>Melanostoma</i> sp.	1
	<i>Syritta pipiens</i>	1
Primulaceae		119
	<i>Aclastus</i> sp.	1
	<i>Aglais urticae</i>	1
	<i>Agyneta</i> sp.	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</i> sp.	2
	<i>Baryscapus</i> sp.	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</i> sp.	1
	<i>Camptocladus stercorarius</i>	1
	<i>Cantharis nigricans</i>	1
	<i>Chaitophorus</i> sp.	1
	<i>Chorebus</i> sp.	1
	<i>Cinara</i> sp.	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</i> sp.	2
<i>Dolerus</i> sp.	1
<i>Ectopsocus</i> sp.	1
<i>Elachertus</i> sp.	1
<i>Elatobium abietinum</i>	1
<i>Eristalis similis</i>	1
<i>Eulachnus</i> sp.	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</i> sp.	1
<i>Lasioglossum</i> sp.	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</i> sp.	1
<i>Megaselia rufipes</i>	1
<i>Megaselia</i> sp.	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</i> sp.	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</i> sp.	1
<i>Philonthus frigidus</i>	1
<i>Phora</i> sp.	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</i> sp.	1
<i>Spelobia clunipes</i>	1
<i>Sympiesis</i> sp.	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

Ranunculaceae	276
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<i>Amphichroum canaliculatum</i>	1
<i>Andreana</i> spp.	36
<i>Andrena albicans</i>	1
<i>Andrena cineraria</i>	1
<i>Andrena thoracica</i>	1
<i>Anthonomus</i> sp.	1
<i>Anthophora balearica</i>	1
<i>Apis mellifera</i>	17
<i>Attagenus trifasciatus</i>	1
<i>Bellardia</i> sp.	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</i> spp.	5
<i>Bombus terrestris</i>	40
<i>Bombus terrestris/lucorum</i>	1
<i>Brassicogethes aeneus</i>	2
<i>Camponotus lateralis</i>	1
<i>Cantharis</i> sp.	1
<i>Cheilosia pagana</i>	1
<i>Cheilosia</i> sp.	1
<i>Chlamydatus</i> sp.	1
<i>Ectemnius</i> sp.	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</i> sp.	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</i> sp.	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</i> sp.	1
<i>Muopa</i> sp.	1
<i>Oedemera flavipes</i>	3
<i>Oedemera</i> sp.	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</i> sp.	1
<i>Pholidoptera griseoptera</i>	1
<i>Pieris brassicae</i>	14
<i>Psylliodes pallidipennis</i>	1
<i>Scaeva</i> sp.	1
<i>Scatophaga</i> sp.	1
<i>Sphaerophoria scripta</i>	1
<i>Temnothorax specularis</i>	1
<i>Thricops semicinereus</i>	35
<i>Tropinota</i> sp.	1

Rhamnaceae	11
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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
Rosaceae		30
	<i>Andrena subopaca</i>	1
	<i>Apis mellifera</i>	1
	<i>Bombus lapidarius</i>	1
	<i>Bombus pratorum</i>	1
	<i>Bombus</i> sp.	1
	<i>Bombylius cruciatus</i>	1
	<i>Bombylius discolor</i>	1
	<i>Bombylius fimbriatus</i>	1
	<i>Bombylius major</i>	2
	<i>Bombylius</i> sp.	3
	<i>Brassicogethes aeneus</i>	1
	<i>Calliphora</i> sp.	2
	<i>Calliphora vomitoria</i>	1
	<i>Diplazon</i> sp.	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
Rutaceae		258
	<i>Andrena nana</i>	2
	<i>Andrena similis</i>	1
	<i>Andrena</i> sp.	4
	<i>Anthidium</i> sp.	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</i> sp.	4
	<i>Ceratina cucurbitina</i>	17
	<i>Chrysura cuprea</i>	3



<i>Dirhinus</i> sp.	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</i> sp.	1
<i>Lomatia lateralis</i>	1
<i>Lomatia</i> sp.	1
<i>Lycaena phlaeas</i>	1
<i>Macrophya montana</i>	1
<i>Magalodontes panzeri</i>	3
<i>Megachile circumcincta</i>	26
<i>Nomada</i> sp.	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</i> sp.	1
<i>Sphecodes</i> sp.	2
<i>Symmorphus</i> sp.	1
<i>Tropinota squallida</i>	1
<i>Xylocopa iris</i>	1
<i>Xylocopa violacea</i>	5
<i>Zodion</i> sp.	1

Salicaceae

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



	<i>Calliphora</i> sp.	1
Sapindaceae		3
	<i>Apis mellifera</i>	1
	<i>Bombus pascuorum</i>	1
	<i>Bombus ruderarius</i>	1
Saxifragaceae		9
	<i>Andrena</i> sp.	1
	<i>Bombus</i> sp.	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 caerulea</i>	1
Scrophulariaceae		128
	<i>Alastor atropos</i>	2
	<i>Andrena</i> spp.	3
	<i>Anthophora</i> sp.	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</i> sp.	1
	<i>Lasioglossum viride</i>	2
	<i>Melanostoma</i> sp.	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
Thymelaeaceae		4
	<i>Plagiolepis pygmaea</i>	3
	<i>Tropinota hirta</i>	1
Violaceae		15
	<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</i> sp.	1
	<i>Hemaris tityus</i>	1
	<i>Lasius flavus</i>	1
	<i>Macroglossum stellatarum</i>	1
	<i>Platycheirus albimanus</i>	1

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

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Manica Balant	Spain	Institut Botànic de Barcelona (IBB, CSIC–Ajuntament de Barcelona), Barcelona, Spain
Maria Begoña García	Spain	Pyrenean Institute of Ecology, Spain
Clara Montgomery	Sweden	Lund University, Sweden
Hanna Thosteman	Sweden	Lund University, Sweden
Sissi Lozada Gobillard	Sweden	Lund University, Sweden



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	IUCN Red List category in the country where the species was studied: 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 Habitats Directive : https://lexparency.org/eu/31992L0043/ANX_1/
	Year of observation	Indicate the year of observation. IMPORTANT NOTE: a different row will have to be filled in for each year and interaction between the plant and each floral visitor species.
Floral visitors identification (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	Choose one of the options below, based on the visitor behaviour defined by Inouye (1980): UN - <i>Unkwon</i> - Floral visitors without pollinator behaviour observations or without efficiency studies P - <i>Pollinator</i> - Contact the reproductive parts of the flower and carries out pollination NR - <i>Nectar robber</i> - Nectar robbing through holes made in the flower NT - <i>Nectar thief</i> - The animal removes nectar from the flower without making holes and without contacting with the reproductive parts of the flower PR - <i>Pollen robber</i> - Removal of pollen through an incision in the flower (rare in nature and occurs in flowers with hidden anthers) PT - <i>Pollen thief</i> - The animal collects pollen directly from the anthers without touching the stigma
Information source	Publication	If published, provide DOI of the publication (preferred) or article reference if DOI not available. If not published, please include 'Personal field observations'
Contributor ID	Name	Name of the person contributing with the observations
	e-mail	e-mail contact for further contacts
	Institution	Affiliation of the contributor
Notes	Please use this space to add any note you may find pertinent	



Excel Sheet - Participants INFO

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