

Appendix. List of spider species from 29 winter oilseed rape fields in eastern Austria. Activity density (number of individuals), dominance (%), number of fields where species were found, and records of ballooning behaviour.

Family	Species <sup>1</sup>	Activity density	Dominance (%)	Number of fields	Ballooning <sup>2</sup>
Agelenidae	<i>Tegenaria campestris</i> C.L. Koch, 1834	3	0.03	3	
Amaurobiidae	<i>Urocoras longispinus</i> (Kulczynski, 1897)	3	0.03	3	
Araneidae	<i>Hypsosinga pygmaea</i> (Sundevall, 1831)	1	0.01	1	+
Clubionidae	<i>Clubiona terrestris</i> Westring, 1851	2	0.02	2	
Corinnidae	<i>Phrurolithus festivus</i> (C.L. Koch, 1835)	28	0.25	10	
Dictynidae	<i>Argenna patula</i> (Simon, 1874)	4	0.04	4	
	<i>Argenna subnigra</i> (O. P.-Cambridge, 1861)	138	1.24	26	+
Dysderidae	<i>Dysdera erythrina</i> (Walckenaer, 1802)	1	0.01	1	
	<i>Dysdera hungarica</i> Kulczynski, 1897	1	0.01	1	
	<i>Harpactea rubicunda</i> (C.L. Koch, 1838)	1	0.01	1	
Gnaphosidae	<i>Drassodes lapidosus</i> (Walckenaer, 1802)	7	0.06	4	
	<i>Drassodes pubescens</i> (Thorell, 1856)	8	0.07	7	
	<i>Drassyllus lutetianus</i> (L. Koch, 1866)	23	0.21	17	
	<i>Drassyllus praeficus</i> (L. Koch, 1866)	45	0.40	19	
	<i>Drassyllus pumilus</i> (C.L. Koch, 1839)	3	0.03	2	
	<i>Drassyllus pusillus</i> (C.L. Koch, 1833)	223	2.00	29	
	<i>Drassyllus villicus</i> (Thorell, 1875)	23	0.21	13	
	<i>Gnaphosa lucifuga</i> (Walckenaer, 1802)	2	0.02	2	
	<i>Haplodrassus dalmatensis</i> (L. Koch, 1866)	34	0.30	18	
	<i>Haplodrassus minor</i> (O. P.-Cambridge, 1879)	3	0.03	2	
	<i>Haplodrassus signifer</i> (C.L. Koch, 1839)	92	0.82	26	
	<i>Micaria pulicaria</i> (Sundevall, 1831)	16	0.14	8	
	<i>Trachyzelotes pedestris</i> (C.L. Koch, 1837)	38	0.34	14	
	<i>Zelotes apricorum</i> (L. Koch, 1876)	3	0.03	2	
	<i>Zelotes aurantiacus</i> Miller, 1967	1	0.01	1	
	<i>Zelotes gracilis</i> (Canestrini, 1868)	68	0.61	24	
	<i>Zelotes hermani</i> (Chyzer, 1897)	1	0.01	1	
	<i>Zelotes latreillei</i> (Simon, 1878)	2	0.02	2	+
	<i>Zelotes mundus</i> (Kulczynski, 1897)	221	1.98	28	
Hahniidae	<i>Hahnia nava</i> (Blackwall, 1841)	36	0.32	18	
Linyphiidae	<i>Acartauchenius scurrilis</i> (O. P.-Cambridge, 1872)	3	0.03	3	
	<i>Araeoncus humilis</i> (Blackwall, 1841)	282	2.53	27	+
	<i>Bathyphanes gracilis</i> (Blackwall, 1841)	38	0.34	20	+
	<i>Canariphantes nanus</i> (Kulczynski, 1898)	5	0.04	1	
	<i>Centromerus sylvaticus</i> (Blackwall, 1841)	1	0.01	1	+
	<i>Dicymbium nigrum</i> (Blackwall, 1834)	10	0.09	5	+
	<i>Diplocephalus picinus</i> (Blackwall, 1841)	8	0.07	5	
	<i>Diplostyla concolor</i> (Wider, 1834)	47	0.42	16	+
	<i>Erigone atra</i> Blackwall, 1833	65	0.58	20	+
	<i>Erigone dentipalpis</i> (Wider, 1834)	589	5.27	29	+
	<i>Meioneta mollis</i> (O. P.-Cambridge, 1871)	6	0.05	4	+
	<i>Meioneta rurestris</i> (C.L. Koch, 1836)	1517	13.58	29	+
	<i>Meioneta simplicatarsis</i> (Simon, 1884)	6	0.05	6	+
	<i>Micrargus subaequalis</i> (Westring, 1851)	7	0.06	3	+
	<i>Microlinyphia impigra</i> (O. P.-Cambridge, 1871)	1	0.01	1	+
	<i>Mioxena blanda</i> (Simon, 1884)	1	0.01	1	
	<i>Oedothorax apicatus</i> (Blackwall, 1850)	1577	14.12	29	+

	<i>Oedothorax fuscus</i> (Blackwall, 1834)	1	0.01	1	+
	<i>Palliduphantes pillichi</i> (Kulczynski, 1915)	25	0.22	12	
	<i>Panamomops menzei</i> Simon, 1926	2	0.02	1	
	<i>Pocadicnemis pumila</i> (Blackwall, 1841)	2	0.02	2	
	<i>Porrhomma microphthalmum</i> (O. P.-Cambridge, 1871)	124	1.11	27	+
	<i>Silometopus reussi</i> (Thorell, 1871)	9	0.08	6	
	<i>Stemonyphantes lineatus</i> (Linnaeus, 1758)	1	0.01	1	
	<i>Syedra gracilis</i> (Menge, 1869)	3	0.03	3	
	<i>Tapinocyboides pygmaeus</i> (Menge, 1869)	4	0.04	3	
	<i>Tenuiphantes tenuis</i> (Blackwall, 1852)	38	0.34	13	+
	<i>Tiso vagans</i> (Blackwall, 1834)	5	0.04	4	+
	<i>Trichoncoides piscator</i> (Simon, 1884)	444	3.98	25	
	<i>Trichoncus affinis</i> Kulczynski, 1894	1	0.01	1	
	<i>Walckenaeria capito</i> (Westring, 1861)	2	0.02	2	
	<i>Walckenaeria obtusa</i> Blackwall, 1836	1	0.01	1	
	<i>Walckenaeria vigilax</i> (Blackwall, 1853)	8	0.07	6	+
Liocranidae	<i>Liocranoeca striata</i> (Kulczynski, 1882)	7	0.06	4	
Lycosidae	<i>Alopecosa accentuata</i> (Latreille, 1817)	17	0.15	8	
	<i>Alopecosa cuneata</i> (Clerck, 1757)	14	0.13	8	
	<i>Alopecosa mariaae</i> (Dahl, 1908)	1	0.01	1	
	<i>Alopecosa pulverulenta</i> (Clerck, 1757)	55	0.49	21	+
	<i>Alopecosa trabalis</i> (Clerck, 1757)	4	0.04	3	
	<i>Aulonia albimana</i> (Walckenaer, 1805)	11	0.10	9	+
	<i>Pardosa agrestis</i> (Westring, 1861)	2750	24.62	29	+
	<i>Pardosa alacris</i> (C.L. Koch, 1833)	235	2.10	20	
	<i>Pardosa amentata</i> (Clerck, 1757)	7	0.06	2	+
	<i>Pardosa hortensis</i> (Thorell, 1872)	5	0.04	5	
	<i>Pardosa lugubris</i> (Walckenaer, 1802)	65	0.58	16	+
	<i>Pardosa paludicola</i> (Clerck, 1757)	4	0.04	4	
	<i>Pardosa palustris</i> (Linnaeus, 1758)	169	1.51	24	+
	<i>Pardosa prativaga</i> (L. Koch, 1870)	218	1.95	28	+
	<i>Pardosa pullata</i> (Clerck, 1757)	1	0.01	1	+
	<i>Pirata hygrophilus</i> Thorell, 1872	14	0.13	10	
	<i>Pirata latitans</i> (Blackwall, 1841)	1	0.01	1	
	<i>Pinata pinaticus</i> (Clerck, 1757)	1	0.01	1	+
	<i>Trochosa ruricola</i> (De Geer, 1778)	242	2.17	27	
	<i>Trochosa terricola</i> Thorell, 1856	46	0.41	10	+
	<i>Xerolycosa miniata</i> (C.L. Koch, 1834)	24	0.21	12	
Philodromidae	<i>Thanatus arenarius</i> L. Koch, 1872	12	0.11	10	
	<i>Thanatus formicinus</i> (Clerck, 1757)	1	0.01	1	
	<i>Thanatus striatus</i> C.L. Koch, 1845	1	0.01	1	
	<i>Tibellus oblongus</i> (Walckenaer, 1802)	4	0.04	4	+
Pisauridae	<i>Pisaura mirabilis</i> (Clerck, 1757)	1	0.01	1	+
Salticidae	<i>Chalcoscirtus brevicymbialis</i> Wunderlich, 1980	1	0.01	1	
	<i>Euophrys frontalis</i> (Walckenaer, 1802)	5	0.04	5	
	<i>Phlegra fasciata</i> (Hahn, 1826)	1	0.01	1	+
	<i>Sibianor aurocinctus</i> (Ohlert, 1865)	4	0.03	3	
	<i>Sitticus distinguendus</i> (Simon, 1868)	1	0.01	1	
	<i>Talavera aequipes</i> (O. P.-Cambridge, 1871)	2	0.02	2	
Tetragnathidae	<i>Pachygnatha clercki</i> Sundevall, 1823	2	0.02	2	+
	<i>Pachygnatha degeeri</i> Sundevall, 1830	106	0.95	19	+
Theridiidae	<i>Enoplognatha mordax</i> (Thorell, 1875)	2	0.02	2	+
	<i>Enoplognatha ovata</i> (Clerck, 1757)	1	0.01	1	+
	<i>Enoplognatha thoracica</i> (Hahn, 1833)	46	0.41	19	+
	<i>Euryopsis flavomaculata</i> (C.L. Koch, 1836)	1	0.01	1	
	<i>Neottiura bimaculata</i> (Linnaeus, 1767)	10	0.09	10	+
	<i>Robertus arundineti</i> (O. P.-Cambridge, 1871)	264	2.36	27	+
	<i>Steatoda phalerata</i> (Panzer, 1801)	4	0.04	4	
Thomisidae	<i>Ozyptila claveata</i> (Walckenaer, 1837)	5	0.04	3	
	<i>Ozyptila praticola</i> (C.L. Koch, 1837)	24	0.21	15	
	<i>Ozyptila simplex</i> (O. P.-Cambridge, 1862)	497	4.45	28	+
	<i>Xysticus acerbus</i> Thorell, 1872	4	0.04	3	
	<i>Xysticus erraticus</i> (Blackwall, 1834)	2	0.02	2	
	<i>Xysticus kochi</i> Thorell, 1872	394	3.53	29	+

	<i>Xysticus luctuosus</i> (Blackwall, 1836)	2	0.02	1	
	<i>Xysticus ulmi</i> (Hahn, 1831)	3	0.03	3	+
Zodariidae	<i>Zodarion rubidum</i> Simon, 1914	14	0.13	6	

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<sup>1</sup>Nomenclature according to Blick, T. et al. 2004. Checklist of the spiders of Central Europe (Arachnida: Araneae). – <[http://arages.de/checklist/checklist04\\_araneae.html](http://arages.de/checklist/checklist04_araneae.html)>.

<sup>2</sup>after Bell, J. R. et al. 2005. Ballooning dispersal using silk: world fauna, phylogenies, genetics and models. – Bull. Entomol. Res. 95: 69–114.