

## Supplementary Materials

Table S1 - Species list of spiders and related traits based on literature data (1/4)

Species	Body length of females (mm)	Ballooning
	[1–4]	[5,6]
<i>Agroeca brunnea</i>	8.0	no
<i>Agroeca inopina</i>	7.5	no
<i>Agyneta affinis</i>	2.0	no
<i>Agyneta decora</i>	2.5	no
<i>Agyneta mollis</i>	2.0	yes
<i>Agyneta rurestris</i>	2.4	yes
<i>Alopecosa cuneata</i>	8.0	no
<i>Alopecosa pulverulenta</i>	10.0	yes
<i>Antistea elegans</i>	3.0	no
<i>Argenna subnigra</i>	2.5	no
<i>Asagena phalerata</i>	5.0	no
<i>Atypus affinis</i>	15.0	yes
<i>Aulonia albimana</i>	4.5	yes
<i>Bathypantes gracilis</i>	2.5	yes
<i>Centromerita bicolor</i>	3.5	yes
<i>Centromerus sylvaticus</i>	4.0	yes
<i>Ceratinella brevis</i>	1.5	no
<i>Cicurina cicur</i>	7.0	no
<i>Civizelotes civicus</i>	4.3	no
<i>Clubiona diversa</i>	5.0	no
<i>Clubiona neglecta</i>	8.0	no
<i>Clubiona terrestris</i>	7.0	no
<i>Cnephalocotes obscurus</i>	1.9	yes
<i>Collinsia inerrans</i>	2.5	yes
<i>Cryptachaea blattae</i>	3.2	yes
<i>Dicymbium nigrum</i>	2.5	yes
<i>Dicymbium tibiale</i>	2.6	no
<i>Diplocephalus latifrons</i>	2.0	no
<i>Diplocephalus picinus</i>	1.0	no
<i>Diplostyla concolor</i>	3.0	yes
<i>Drassodes cf. lapidosus</i>	18.0	no
<i>Drassodes pubescens</i>	9.0	no
<i>Drassyllus lutetianus</i>	7.5	yes
<i>Drassyllus praeficus</i>	6.0	yes
<i>Drassyllus pusillus</i>	5.0	yes
<i>Drassyllus villicus</i>	6.9	yes
<i>Dysdera crocata</i>	15.0	no
<i>Dysdera erythrina</i>	10.0	no
<i>Enoplognatha latimana</i>	6.0	no
<i>Enoplognatha mordax</i>	8.5	yes

Table S1 – Species list of spiders and related traits based on literature data (2/4)

Species	Body length of females (mm)	Ballooning
	[1–4]	[5,6]
<i>Enoplognatha testacea</i>	3.2	no
<i>Enoplognatha thoracica</i>	4.0	no
<i>Episinus truncatus</i>	4.0	no
<i>Eratigena picta</i>	7.0	no
<i>Erigone atra</i>	2.8	yes
<i>Erigone dentipalpis</i>	2.6	yes
<i>Ero furcata</i>	3.2	yes
<i>Ero tuberculata</i>	4.0	no
<i>Euophrys frontalis</i>	5.0	no
<i>Gnathonarium dentatum</i>	3.0	yes
<i>Gongylidiellum vivum</i>	1.9	yes
<i>Hahnia nava</i>	2.0	no
<i>Haplodrassus dalmatensis</i>	6.5	no
<i>Haplodrassus signifer</i>	9.0	no
<i>Hypomma cornutum</i>	2.9	yes
<i>Lasaeola prona</i>	2.5	no
<i>Lathys humilis</i>	2.5	yes
<i>Maso sundevalli</i>	1.8	no
<i>Mermessus trilobatus</i>	2.1	no
<i>Micaria albovittata</i>	8.0	no
<i>Micaria micans</i>	4.1	yes
<i>Micrargus herbigradus</i>	1.9	yes
<i>Micrargus subaequalis</i>	2.0	yes
<i>Microneta viaria</i>	3.0	yes
<i>Monocephalus fuscipes</i>	2.2	yes
<i>Neottiura bimaculata</i>	3.3	yes
<i>Neottiura suaveolens</i>	2.3	no
<i>Nerienne clathrata</i>	5.0	no
<i>Oedothorax apicatus</i>	3.3	yes
<i>Oedothorax fuscus</i>	2.9	yes
<i>Oedothorax retusus</i>	3.0	yes
<i>Ostearius melanopygius</i>	2.6	no
<i>Ozyptila brevipes</i>	4.0	no
<i>Ozyptila praticola</i>	4.0	no
<i>Ozyptila sanctuaria</i>	4.0	yes
<i>Ozyptila simplex</i>	5.0	yes
<i>Pachygnatha clercki</i>	7.0	yes
<i>Pachygnatha degeeri</i>	3.7	yes
<i>Palliduphantes ericaeus</i>	1.9	yes
<i>Palliduphantes insignis</i>	2.5	no
<i>Palliduphantes pallidus</i>	2.3	no
<i>Panamomops sulcifrons</i>	1.5	no

Table S1 - Species list of spiders and related traits based on literature (3/4)

Species	Body length of females (mm)	Ballooning
	[1–4]	[5,6]
<i>Pardosa amentata</i>	8.0	yes
<i>Pardosa cf. tenuipes</i>	6.5	yes
<i>Pardosa hortensis</i>	5.5	no
<i>Pardosa nigriceps</i>	7.0	yes
<i>Pardosa palustris</i>	6.0	yes
<i>Pardosa prativaga</i>	6.0	yes
<i>Pardosa pullata</i>	6.0	yes
<i>Pardosa saltans</i>	5.7	no
<i>Pardosa vittata</i>	6.3	no
<i>Pelecopsis parallela</i>	2.0	yes
<i>Philodromus praedatus</i>	6.0	yes
<i>Phlegra fasciata</i>	7.0	yes
<i>Phrurolithus festivus</i>	3.0	no
<i>Phrurolithus minimus</i>	3.5	no
<i>Phycosoma inornatum</i>	3.0	no
<i>Piratula latitans</i>	5.0	no
<i>Pisaura mirabilis</i>	15.0	yes
<i>Pocadicnemis juncea</i>	2.2	no
<i>Porrhomma pygmaeum</i>	2.4	yes
<i>Prinerigone vagans</i>	3.2	yes
<i>Psilochorus simoni</i>	2.5	no
<i>Robertus arundineti</i>	2.5	yes
<i>Robertus lividus</i>	4.0	no
<i>Saaristoa abnormis</i>	4.0	no
<i>Scotina palliardii</i>	3.5	no
<i>Stemonyphantes lineatus</i>	6.4	no
<i>Styloctetor compar</i>	2.3	no
<i>Synageles venator</i>	4.0	no
<i>Tallusia experta</i>	3.6	yes
<i>Tapinocyba praecox</i>	1.8	yes
<i>Tenuiphantes flavipes</i>	2.5	yes
<i>Tenuiphantes tenuis</i>	3.2	yes
<i>Tibellus oblongus</i>	10.0	yes
<i>Tiso vagans</i>	2.2	yes
<i>Trachyzelotes pedestris</i>	8.0	no
<i>Trichoncus saxicola</i>	2.1	no
<i>Trochosa ruricola</i>	14.0	no
<i>Trochosa terricola</i>	14.0	yes
<i>Walckenaeria acuminata</i>	4.0	yes
<i>Walckenaeria antica</i>	2.6	yes

Table S1 - Species list of spiders and related traits based on literature (4/4)

Species	Body length of females (mm) [1–4]	Ballooning [5,6]
<i>Walckenaeria atrotibialis</i>	2.8	no
<i>Walckenaeria cucullata</i>	2.7	no
<i>Walckenaeria incisa</i>	3.2	no
<i>Xysticus acerbus</i>	8.0	no
<i>Xysticus cristatus</i>	8.0	yes
<i>Xysticus erraticus</i>	8.0	no
<i>Xysticus kochi</i>	8.0	yes
<i>Zelotes apricorum</i>	9.0	no
<i>Zelotes electus</i>	5.5	no
<i>Zelotes latreillei</i>	8.0	yes
<i>Zelotes petrensis</i>	7.0	no
<i>Zelotes tenuis</i>	9.6	no
<i>Zodarion italicum</i>	3.0	no
<i>Zodarion rubidum</i>	4.4	no
<i>Zora spinimana</i>	6.5	yes

## References

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