## S.4.4 Species list

*Table S.4.4: Overview of all species that were used to construct both the theoretical and experimental food web, with their respective body length ranges. Note that this table does not include all species that were used in the experimental trials.*

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| --- | --- | --- | --- | --- |
| **Nr.** | **Taxonomic group** | **Species** | **Min body length (mm)** | **Max body length (mm)** |
| 1 | Araneae | *Agroeca cuprea* | 3.8 | 3.8 |
| 2 | Araneae | *Arctosa perita* | 3.3 | 5.4 |
| 3 | Araneae | *Attulus saltator* | 2.4 | 2.4 |
| 4 | Araneae | *Clubiona frisia* | 4.3 | 6.1 |
| 5 | Araneae | *Drassodes sp.* | 5.1 | 7.5 |
| 6 | Araneae | *Enoplognatha ovata* | 3.6 | 4.8 |
| 7 | Araneae | *Entelecara erythropus* | 1.4 | 2.3 |
| 8 | Araneae | *Floronia bucculenta* | 3.5 | 3.5 |
| 9 | Araneae | *Mangora acalypha* | 1.2 | 2.8 |
| 10 | Araneae | *Marpissa nivoyi* | 4.3 | 5.0 |
| 11 | Araneae | *Metopobactrus prominulus* | 1.8 | 1.8 |
| 12 | Araneae | *Ozyptila sp.* | 2.2 | 3.3 |
| 13 | Araneae | *Philodromus sp.* | 2.5 | 3.5 |
| 14 | Araneae | *Psammitis sabulosus* | 2.0 | 4.7 |
| 15 | Araneae | *Rhysodromus fallax* | 3.2 | 5.1 |
| 16 | Araneae | *Stemonyphantes lineatus* | 3.1 | 4.2 |
| 17 | Araneae | *Synageles venator* | 2.3 | 3.5 |
| 18 | Araneae | *Tenuiphantes tenuis* | 1.6 | 3.1 |
| 19 | Araneae | *Thanatus striatus* | 1.6 | 4.4 |
| 20 | Araneae | *Tibellus maritimus* | 1.5 | 10.0 |
| 21 | Araneae | *Zelotes longipes* | 2.7 | 5.3 |
| 22 | Araneae | *Zygiella x-notata* | 6.1 | 6.1 |
| 23 | Auchenorrhyncha | *Conosanus obsoletus* | 5.0 | 5.0 |
| 24 | Auchenorrhyncha | *Gravesteiniella boldi* | 1.6 | 4.6 |
| 25 | Auchenorrhyncha | *Neophilaenus lineatus* | 5.2 | 6.8 |
| 26 | Auchenorrhyncha | *Philaenus spumarius* | 5.5 | 6.3 |
| 27 | Auchenorrhyncha | *Psammotettix maritimus* | 4.7 | 4.7 |
| 28 | Blattodea | *Capraiellus panzeri* | 3.2 | 7.0 |
| 29 | Blattodea | *Ectobius pallidus* | 3.6 | 5.1 |
| 30 | Coleoptera | *Aleochara bipustulata* | 5.4 | 6.2 |
| 31 | Coleoptera | *Amara spreta* | 7.5 | 7.5 |
| 32 | Coleoptera | *Anthicus antherinus* | 2.8 | 3.8 |
| 33 | Coleoptera | *Anthicus bimaculatus* | 3.5 | 3.5 |
| 34 | Coleoptera | *Calathus mollis* | 6.9 | 7.4 |
| 35 | Coleoptera | *Coccidula rufa* | 2.9 | 4.5 |
| 36 | Coleoptera | *Coccinella septempunctata* | 4.8 | 7.1 |
| 37 | Coleoptera | *Coccinella undecimpunctata* | 4.4 | 4.8 |
| 38 | Coleoptera | *Cteniopus sulphureus* | 6.6 | 9.1 |
| 39 | Coleoptera | *Demetrias atricapillus* | 4.8 | 5.9 |
| 40 | Coleoptera | *Demetrias monostigma* | 4.1 | 5.5 |
| 41 | Coleoptera | *Hippodamia variegata* | 3.8 | 5.2 |
| 42 | Coleoptera | *Longitarsus jacobaeae* | 3.0 | 3.0 |
| 43 | Coleoptera | *Longitarsus luridus* | 1.7 | 1.7 |
| 44 | Coleoptera | *Longitarsus ochroleucus* | 2.3 | 3.2 |
| 45 | Coleoptera | *Notoxus monoceros* | 3.7 | 4.4 |
| 46 | Coleoptera | *Oedemera lurida/virescens* | 6.8 | 6.8 |
| 47 | Coleoptera | *Olibrus sp.* | 2.0 | 2.5 |
| 48 | Coleoptera | *Otiorhynchus atroapterus* | 8.3 | 10.9 |
| 49 | Coleoptera | *Otiorhynchus ovatus* | 5.0 | 5.0 |
| 50 | Coleoptera | *Oulema melanopus* | 5.1 | 5.1 |
| 51 | Coleoptera | *Paradromius linearis* | 4.2 | 6.8 |
| 52 | Coleoptera | *Phylan gibbus* | 6.7 | 7.3 |
| 53 | Coleoptera | *Propylea quatuordecimpunctata* | 4.7 | 4.7 |
| 54 | Coleoptera | *Psyllobora vigintiduopunctata* | 3.5 | 3.5 |
| 55 | Coleoptera | *Rhyzobius chrysomeloides* | 3.2 | 4.2 |
| 56 | Coleoptera | *Tachyporus hypnorum* | 4.0 | 4.6 |
| 57 | Coleoptera | *Tytthaspis sedecimpunctata* | 2.7 | 3.7 |
| 58 | Coleoptera | *Xanthomus pallidus* | 6.1 | 7.3 |
| 59 | Collembola | *Collembola sp.* | 3.0 | 3.0 |
| 60 | Dermaptera | *Forficula auricularia* | 9.2 | 10.9 |
| 61 | Diptera | *Acrosathe annulata* | 8.9 | 8.9 |
| 62 | Diptera | *Meromyza nigriventris* | 5.0 | 6.1 |
| 63 | Diptera | *Meromyza pratorum* | 4.9 | 6.1 |
| 64 | Diptera | *Sphaeroceridae indet.* | 2.4 | 2.5 |
| 65 | Heteroptera | *Aelia acuminata* | 7.4 | 9.0 |
| 66 | Heteroptera | *Himacerus major* | 5.5 | 8.4 |
| 67 | Heteroptera | *Himacerus mirmicoides* | 6.3 | 7.2 |
| 68 | Heteroptera | *Ischnodemus sabuleti* | 2.6 | 6.8 |
| 69 | Heteroptera | *Kleidocerys resedae* | 3.9 | 4.4 |
| 70 | Heteroptera | *Nabis sp.* | 6.2 | 6.6 |
| 71 | Heteroptera | *Nabis ferus* | 6.9 | 6.9 |
| 72 | Heteroptera | *Notostira elongata* | 7.8 | 7.8 |
| 73 | Heteroptera | *Scolopostethus affinis* | 3.8 | 3.8 |
| 74 | Hymenoptera | *Lasius fuliginosus* | 4.4 | 4.6 |
| 75 | Hymenoptera | *Tetramorium caespitum* | 3.6 | 3.8 |
| 76 | Isopoda | *Armadillidium vulgare* | 12.2 | 12.2 |
| 77 | Isopoda | *Porcellio scaber* | 7.1 | 7.5 |
| 78 | Myriapoda | *Ommatoiulus sabulosus* | 17.1 | 19.3 |
| 79 | Neuroptera | *Chrysopidae sp.* | 5.1 | 7.1 |
| 80 | Opiliones | *Phalangium opilio* | 1.9 | 7.3 |
| 81 | Orthoptera | *Chorthippus sp.* | 12.3 | 12.3 |
| 82 | Pseudoscorpionida | *Dactylochelifer latreillii* | 1.9 | 3.7 |
| 83 | Psocoptera | *Psocoptera sp.* | 1.3 | 2.5 |
| 84 | Sternorrhyncha | *Schizaphis rufula* | 1.8 | 2.0 |
| 85 | Trombidiformes | *Acariformes sp.* | 1.8 | 2.7 |