Description of files

’Fasta file – with sequences.txt’

This Fasta file contains all unique sequences accompanied by a unique identification number from 1 to 9193, which corresponds to a number in the file ’Frequency table.xls’

’Frequency table.xls’

This file tabulates sequences for all spider individuals. Each row in this file represents a unique sequence with the identification number (in column 1) corresponding to the sequence number in the file ’Fasta file – with sequences.txt’. The following columns have the following descriptions:

Sequence count = the total number of sequence across all spider individuals

Order = Arthropod order corresponding to the sequence

Sequence identity = The identity based on best match in Barcode of Life Data bas

Match = best match where 1.00 corresponds to perfect match (100%)

Spindel\_1 .. Spindel\_504 = unique identity for each spider individual, which corresponds to a number in the file ’GutTesta.txt’. The numbers in this column indicates the number of sequences for each unique sequence and spider individual

’GutTesta.txt’

This file summarises presence-absences for a given prey group in the gut of a spider individual. The columns have the following descriptions:

Spider no = unique identity for each spider individual, with a number corresponding to columns in the file ’Frequency table.xls’

Site = Collection site, see Figure 1 in the paper

Date = Collection date

Month = Collection month

Identity = Identification of spider individual: ’Pardosa prativaga’, ’Pardosa agricola’, ’Pardosa sp’

Sex, f = female, m = male, x = unidentified

Age, ad = adult, subad = subadult, juv = spiderling

Predation events = total number of predation events

Pepred = Predation events – occurrence of predator in gut

Weight = Weight in mg

Two group columns, Aqua = Aquatic larvae, Terr = Terrestrial larvae

Nine group columns, Chir = Chironomids, Aqu = other aquatic diptera, Det = detritivores, Pred = predators, Herb = herbivores, Leps = Lepidoptera, Cole = Coleoptera, Hete = Heteroptera, Coll = Collembola

22 columns for taxonomic categories.

’Network data.txt’

This ’consumer’ file was used for the null model analysis in econullnetr, and is based on occurrence in spider gut contents. The columns have the following descriptions:

Period, 1 = May-July, 2 = August-October

Sample, Site\_Period

Identity = Identification of spider individual: ’Pardosa prativaga’, ’Pardosa agricola’, ’Pardosa sp’

Group

15 columns for taxonomic categories

’Bytesabund.txt’

This ’resource’ file was used for the null model analysis in econullnetr, and is based on the data from malaise traps. The columns have the following descriptions:

Period, 1 = May-July, 2 = August-October

Sample, Site\_Period

15 columns for taxonomic categories