

(Tasmanian meiofauna)

The nematode and copepod datasheets from 16 samples at a Tasmanian sand-flat (C:\Examples v7\ Tasmania meiofauna) were seen in both the previous two sections, in workspace **Tasmania ws**, but if the latter is not available open **Tasmania nematodes** and **Tasmania copepods** in a new workspace. With **Tasmania nematodes** as the active window, run **Tools>Merge>**(Second worksheet: **Tasmania copepods**)&(Samples•Merge(strict names))&(Variables•Merge (strict names))&(New cells•Zero) &(Combined cells•Error), i.e. all the default options. The latter two options of new or combined cells do not come into play here, but are discussed later. The resulting merged datasheet now has 56 rows (the 39 nematode species then the 17 copepods). The results window shows that all the samples matched (and the species did not) in the way expected. The title for the new sheet is taken from the first (active) window, so to avoid confusion should be changed using **Edit>Properties**.

Now, re-order the columns in **Tasmania copepods** by **Edit>Sort>Columns>**(•By labels), sorting the samples in a different (alphabetic) order for the copepod matrix of B1DR1, B1DR2, B1UR1, B1UR2, ... than the nematode sample order of B1DR1, B1DR2, B2DR1, B2DR2, Nonetheless, a re-run of **Tools>Merge** with **Tasmania nematodes** as the active window, and with exactly the same options, will result in a merged datasheet identical to the previous one, the ordering of samples having been taken from the first (active) window.

Tasmania copepods

Tasmanian copepods
Abundance

Samples - Block/treatment/rep				
	B1DR1	B1DR2	B2DR1	B2DR2
Ameira sp	43	63	4	5
Apodopsyllus sp	0	0	0	0
Ectinosoma sp	0	0	0	0
Ectinosomatidae	1	15	14	4
Haloshizopera sp	0	0	0	0
Leptastacus sp A	30	97	27	35

Tasmania nematodes

Tasmanian nematodes
Abundance

Samples -			
	B1DR1	B1DR2	B2DR1
Actinonema sp	0	0	0
Axonolaimus sp	10	8.995	12
Bathylaimus sp	0	0	0
Calyptronema sp	0	0	0
Chaetonema sp	0	0	0

Tools

- Aggregate...
- Average...
- Check...
- Duplicate
- Expand Samples...
- Missing...
- Merge**
- Rank Variables
- Sum...

Merge

Second worksheet: **Tasmania copepods**

Samples

- ☒ Merge (strict names)
- ☐ Join (rename duplicates)

Variables

- ☒ Merge (strict names)
- ☐ Join (rename duplicates)

New cells

- ☒ Zero
- ☐ Missing
- ☐ Error

Combined cells

- ☒ Error
- ☐ Summed

Merge2

Sample

Merged labels: 16
Unmatched primary labels: 0
Unmatched secondary labels: 0

Variable

Merged labels: 0
Unmatched primary labels: 39
Unmatched secondary labels: 17

Sample Data Properties

Title: **Tasmanian nematodes & copepods**

Data4

Tasmanian nematodes & copepods
Abundance

Samples - Block/treatment/replicate							
	B1DR1	B1DR2	B2DR1	B2DR2	B3DR1	B3DR2	B4DR1
Actinonema sp	0	0	0	0	0	0	0
Axonolaimus sp	10	8.995	12	14	6.325	0	0
Quinquelaopho	0	0	0	0	0	0	0
Rhizothrix sp	1	0	0	0	0	0	0

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