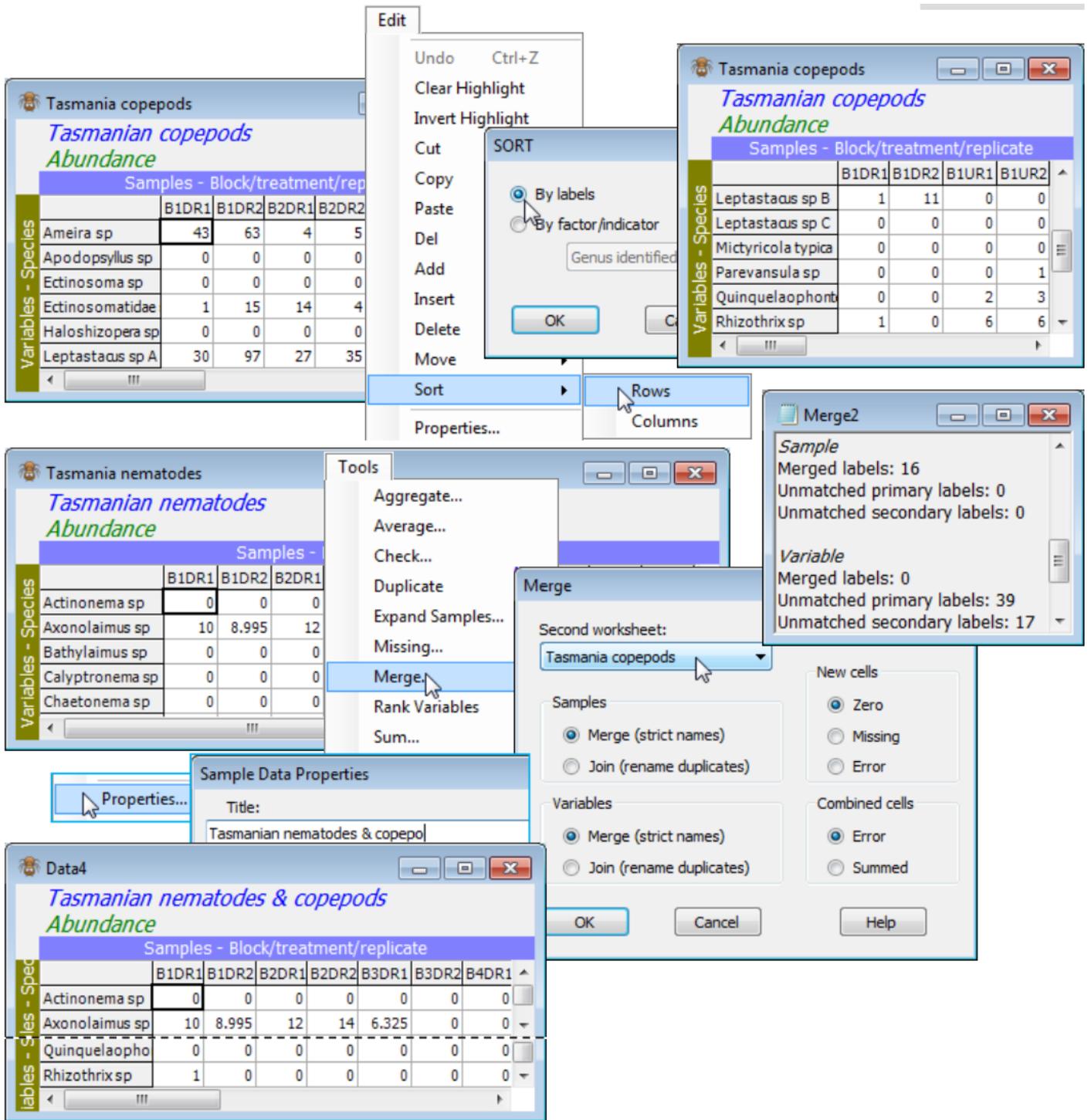# (Tasmanian meiofauna)

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.

Edit

Undo   Ctrl+Z
Clear Highlight
Invert Highlight
Cut
Copy
Paste
Del
Add
Insert
Delete
Move
Sort ▶
Properties...

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

SORT

◉ By labels
◯ By factor/indicator

Genus identified

OK   C

Sort ▶ Rows
Columns

Tasmania copepods

Tasmanian copepods
Abundance

Samples - Block/treatment/replicate

	B1DR1	B1DR2	B1UR1	B1UR2
Leptastacus sp B	1	11	0	0
Leptastacus sp C	0	0	0	0
Mictyricola typica	0	0	0	0
Parevansula sp	0	0	0	1
Quinquelaophonte	0	0	2	3
Rhizothrix sp	1	0	6	6

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

Tools

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

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

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

OK   Cancel   Help

Sample Data Properties

Properties...

Title:
Tasmanian nematodes & copepo

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

Revision #1
Created 26 August 2024 20:41:55 by Arden
Updated 26 August 2024 20:49:28 by Arden