###  Case Name/Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, River/Stream/Lake Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, Site: Mass mortality event (MME)/Healthy control,

### Coordinates: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Country: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, Page \_\_\_\_ of \_\_\_\_, Today’s Date\_\_\_\_\_\_/\_\_\_\_\_\_\_/\_\_\_\_\_\_\_\_\_

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| **Unique ID/Mussel number** | **Group (moribund or healthy control)** | **Species** | **Date/time of collection** | ***In situ* position (e.g., lying on side, upright, amongst rocks)** | ***In* *situ* condition (e.g., agape, closed tight, not filtering)** | **Condition on removal from water (e.g., still gaping, time to closure, foot limp and hanging out)** | **Rough relative quantification of valve closure strength#** |
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| **Site condition notes (weather, water conditions, noticeable human activity, etc)** |  |

# For ease of data recording and interpretation, a standardised scale of 1-5 could be used. The range of strengths to be used may be case-dependent. For an example refer to: Moorkens, E., & Killeen, I. (2018). The measurement and monitoring of sub-lethal damage (stress) to the freshwater pearl mussel *Margaritifera margaritifera*, a tool for conservation monitoring. Tentacle. Retrieved November 22, 2024, from https://www.hawaii.edu/cowielab/Tentacle/Tentacle\_26.pdf

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| **Unique ID/Mussel number** | **Date/time of Processing** | **Approximate volume of Haemolymph** | **Shell length (mm)** | **Shell height (mm)** | **Shell width/depth (mm)** | **Shell weight (g)** | **Tissue wet weight (mg)** | **Histology tissue notes (what tissue, fixative, time in fixative, wash steps)** | **Frozen tissue notes (what tissue, time to freezing, temperature)** | **Shell abnormalities** | **Tissue abnormalities** | **Other comments (sex, gravid, parasites. Gross observations)** | **Initials** |
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