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*Marine and Freshwater Research*

### Supplementary Material

#### **Plasticity of upper thermal limits of Australian *Paratya* spp. (Decapoda, Atyidae) and considerations of climate-change adaptation**

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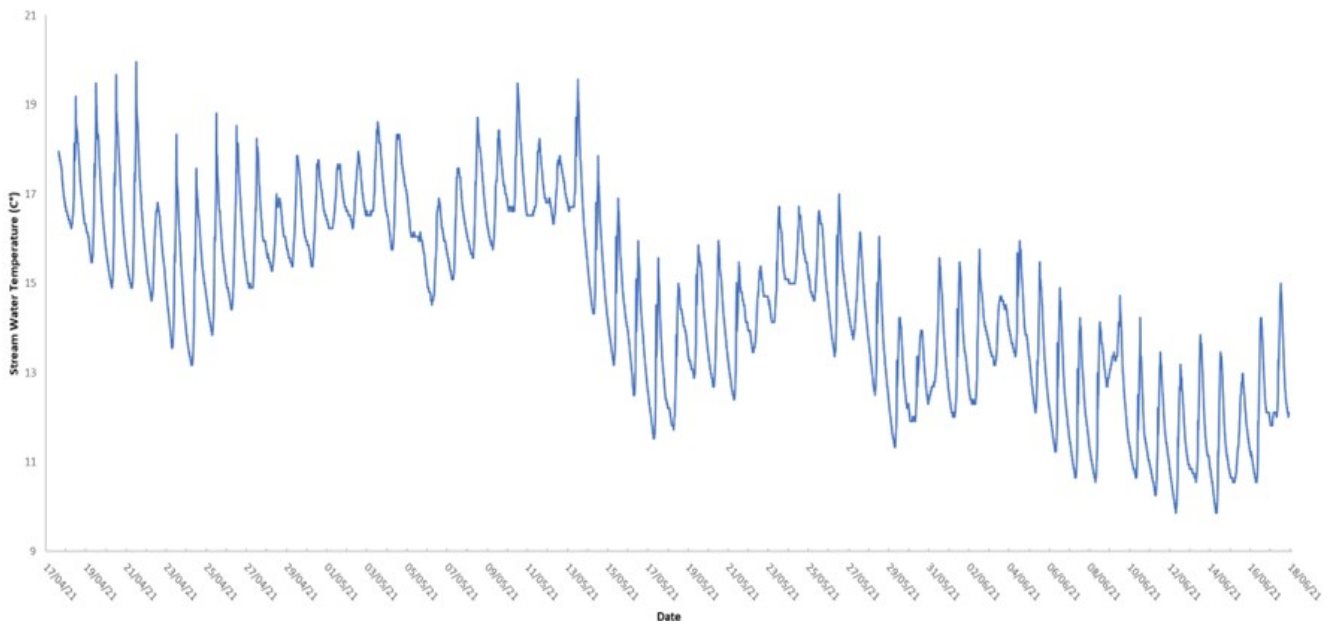
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## Stream temperature



**Figure S1.** Stream water temperature from collection site at Leycester Creek. Three months of water temperature was collected every 15 min using hobo data loggers.

## Data

**Table S1. Winter acclimatised shrimp replicate PROBIT results sowing estimates and standard deviations.**

Replicate	A	B	C	D	E	F	G	H	I	Mean	SD
LT <sub>10</sub>	31.714	31.714	31.219	31.535	32.633	32.996	32.563	32.559	31.003	32.0	0.667
LT <sub>50</sub>	34.14	34.14	33.611	33.948	35.12	35.508	35.046	35.041	34.827	34.6	0.661
LT <sub>90</sub>	36.565	36.565	36.002	36.361	37.607	38.019	37.529	37.523	38.651	37.2	0.823

**Table S2. Warm water laboratory acclimated shrimp results of PROBIT showing estimates and standard deviation.**

Replicate	A	B	C	D	E	F	G	H	I	Mean	SD
LT <sub>10</sub>	35.737	35.61	35.71	35.368	34.89	34.703	35.71	32.392	35.791	35.1	1.027
LT <sub>50</sub>	36.363	36.217	36.332	36.147	35.465	35.276	36.332	36.485	36.426	36.1	0.411
LT <sub>90</sub>	36.988	36.824	36.954	36.926	36.04	35.849	36.954	40.578	37.061	37.1	1.288