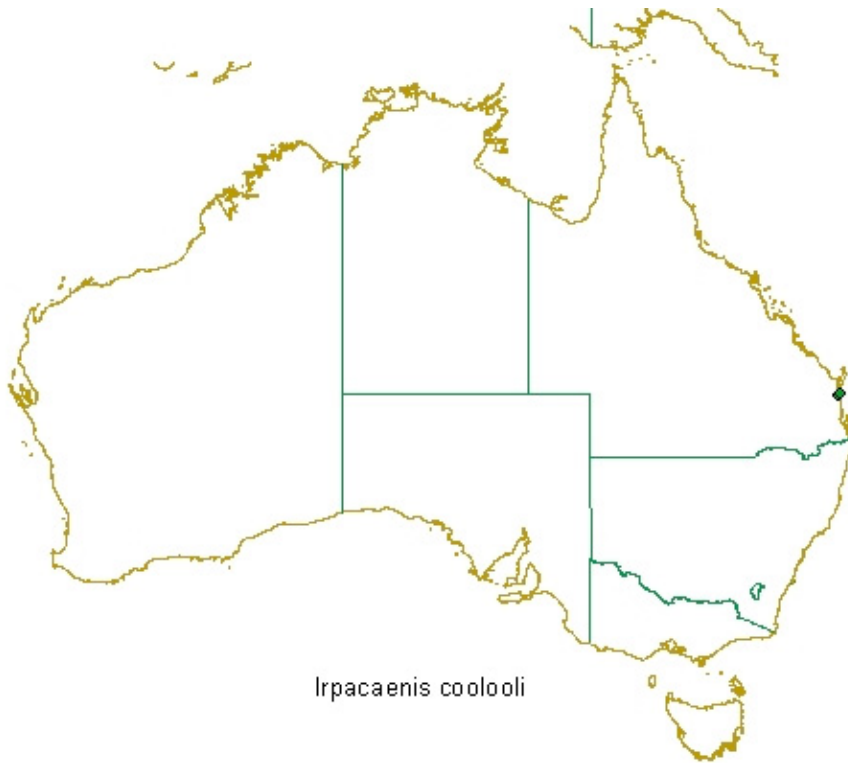




## Family Caenidae

### Habitat Profile for *Irpacaenis coolooli* Suter

*Irpacaenis coolooli* was only recorded from two locations in shallow pools with water depth  $<0.2\text{m}$  and velocity  $<0.6\text{m/sec}$ . They were recorded on sand– pebble substrates with 20-100% detrital cover. Chemical and physical parameter ranges are given in the Table.



Distribution of *Irpacaenis coolooli* in Australia.

Typical habitat of *Irpacaenis coolooli*





**Table.** Chemical and physical parameter ranges for *Irpacaenis coolooli*.

	<i>Irpacaenis coolooli</i> Range
Altitude (m)	8-12
Distance from source (km)	6-23
Width (m)	4.5-5.0
Depth (m)	0.10-0.20
Water Temperature	21-23
Conductivity (uS/cm)	86-127
pH	6-6.3
Turbidity (NTU)	0.5-1.0
NO <sub>3</sub> -N (mg/L)	
Total N (mg/L)	0.210-0.310
Total P (mg/L)	0.005-0.009
Alkalinity (mg/L)	3.1-7.6