



Location: Traralgon Creek

Surveyed: 30 Jan. 2018

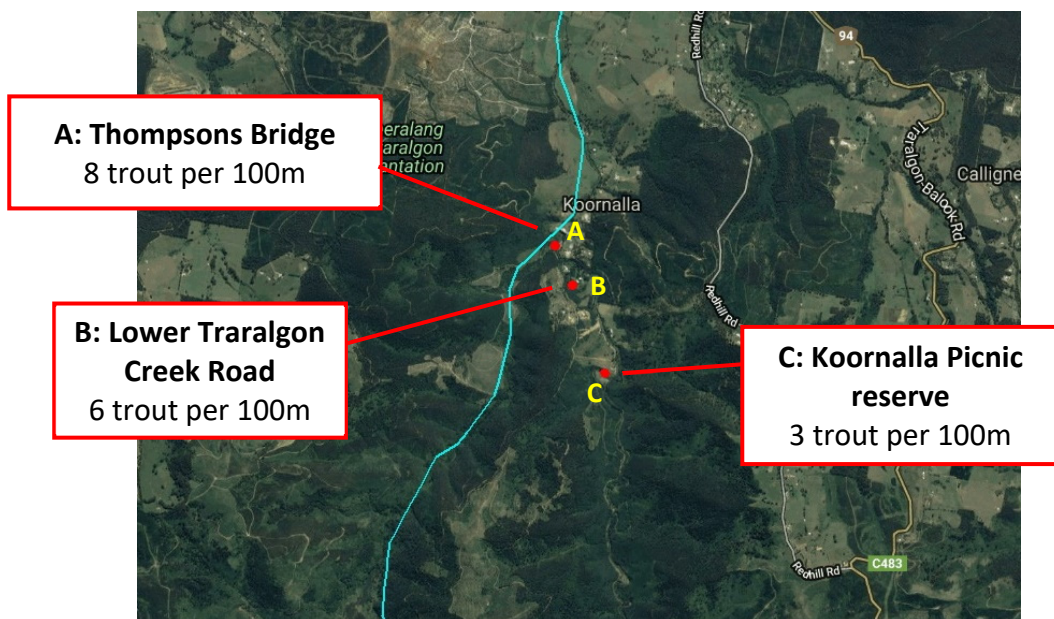
Site A: Thompsons Bridge (270 m stretch)

Site B: Lower Traralgon Creek Road (360 m stretch)

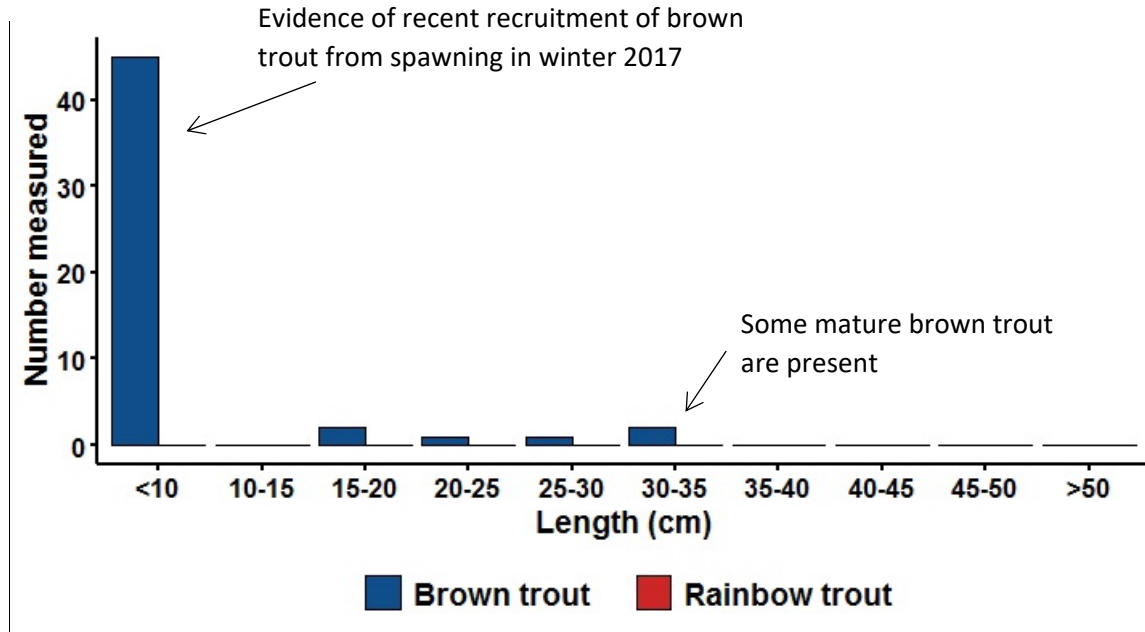
Site C: Koornalla Picnic Reserve (290 m stretch)

Key health indicators	
<u>Abundance</u>	?
<u>Recent recruitment</u>	✓
<u>Multiple size classes</u>	✓
<u>Mature fish</u>	Some
<u>Overall rating</u>	Good

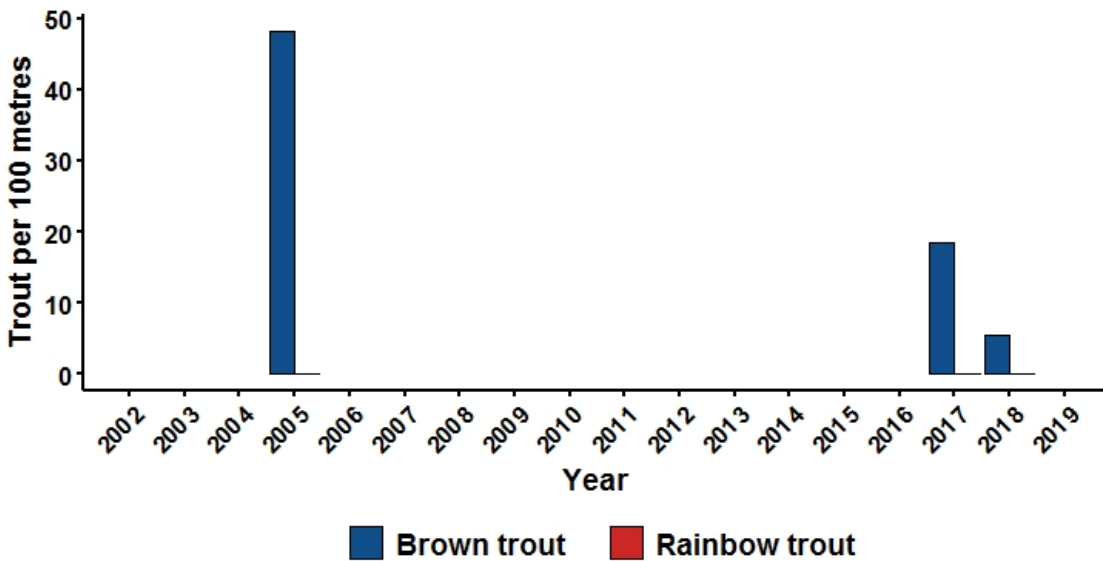
Monitoring results		Brown trout	Rainbow trout	ALL TROUT
Total number of fish caught in 920 m of river		51	0	171
Mean fish abundance (fish per 100 m)		5.5		18
Largest fish	Weight	0.07 kg (0.2 lb)		0.07 kg (0.2 lb)
	Length	28 cm (11 ")		28 cm (11 ")
% of catchable (20 cm +) fish		5.6 %		5.6 %
Average size of catchable fish (20 cm +)		26 cm (10 ")		26 cm (10 ")
Abundance of catchable fish per 100 m		0.3		8.5
Other species present:	Australian smelt, longfin eel, shortfin eel, Gippsland spiny crayfish, lamprey and tupong			



Traralgon Creek size range in 2018



Traralgon Creek abundance



The 2018 survey suggests the Traralgon Creek supports moderate numbers of brown trout. Rainbow trout are absent. There is strong evidence recent recruitment as indicated by the presence of a large number of small (<10 cm) brown trout, and mature trout capable of spawning are present. There are insufficient historic abundance records to compare with current results, although abundance has declined since 2017. Note that Jordan Scotty incubator boxes containing brown trout eggs were placed in the Traralgon Creek in 2017 (see Bryne et al. this document).