

# Talk Wild Trout 2018

## Location: Jamieson River

**Surveyed: 25 Jan. 2018**

Site A: Bosnans Track Site 1 (110 m stretch)

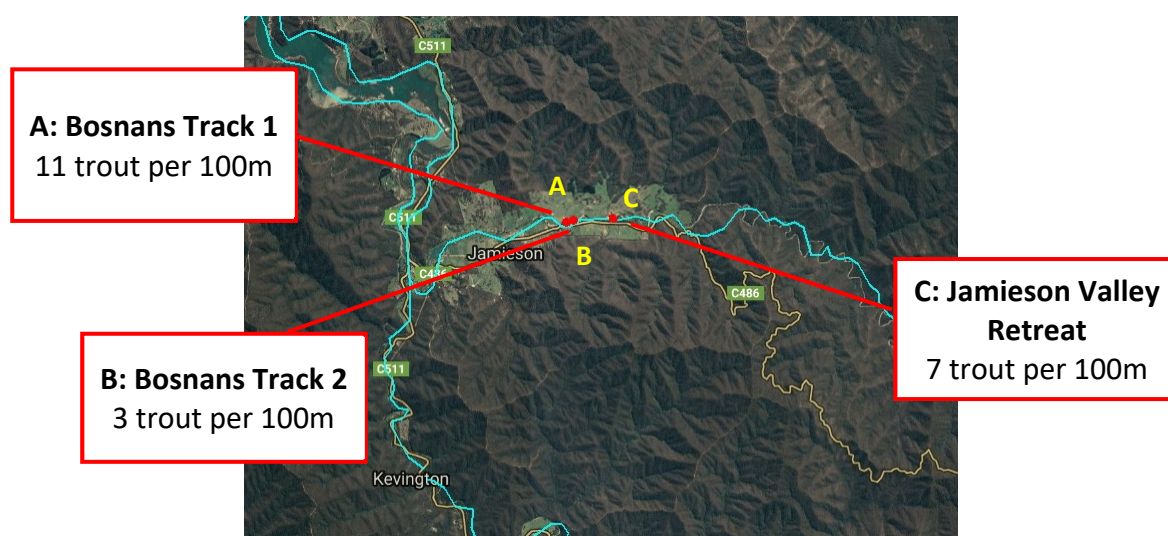
Site B: Bosnans Track Site 2 (95 m stretch)

Site C: Jamieson Valley Retreat (150 m stretch)

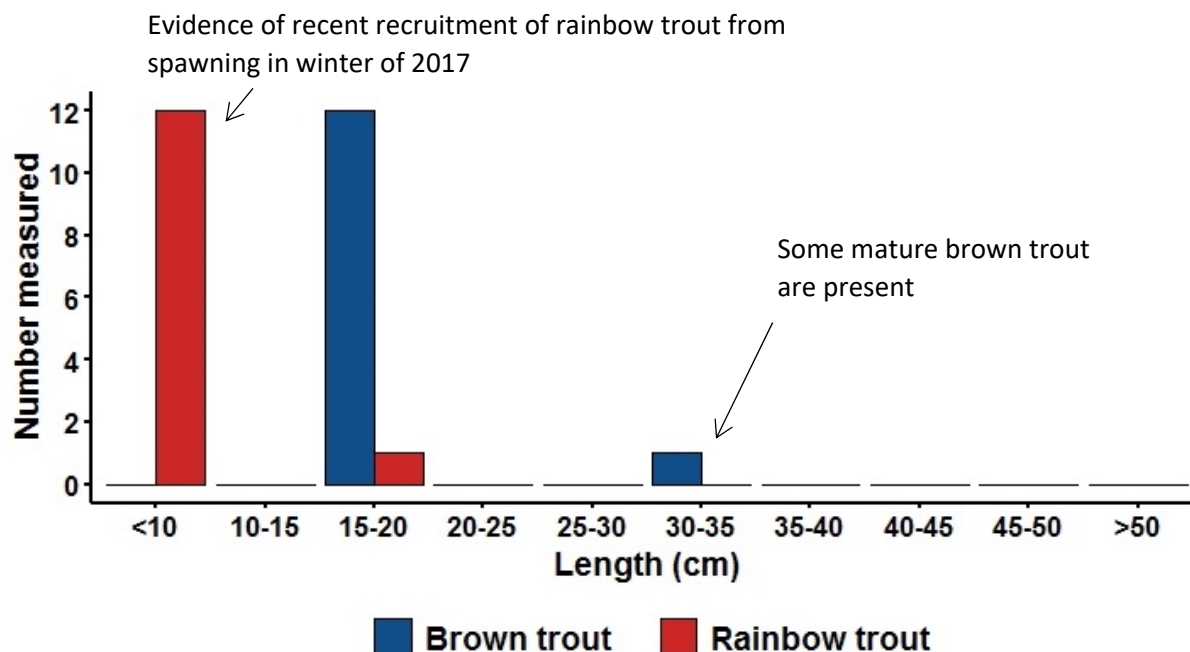
### Key health indicators

<u>Abundance</u>	↔
<u>Recent recruitment</u>	✓
<u>Multiple size classes</u>	Some
<u>Mature fish</u>	Some
<u>Overall rating</u>	Good

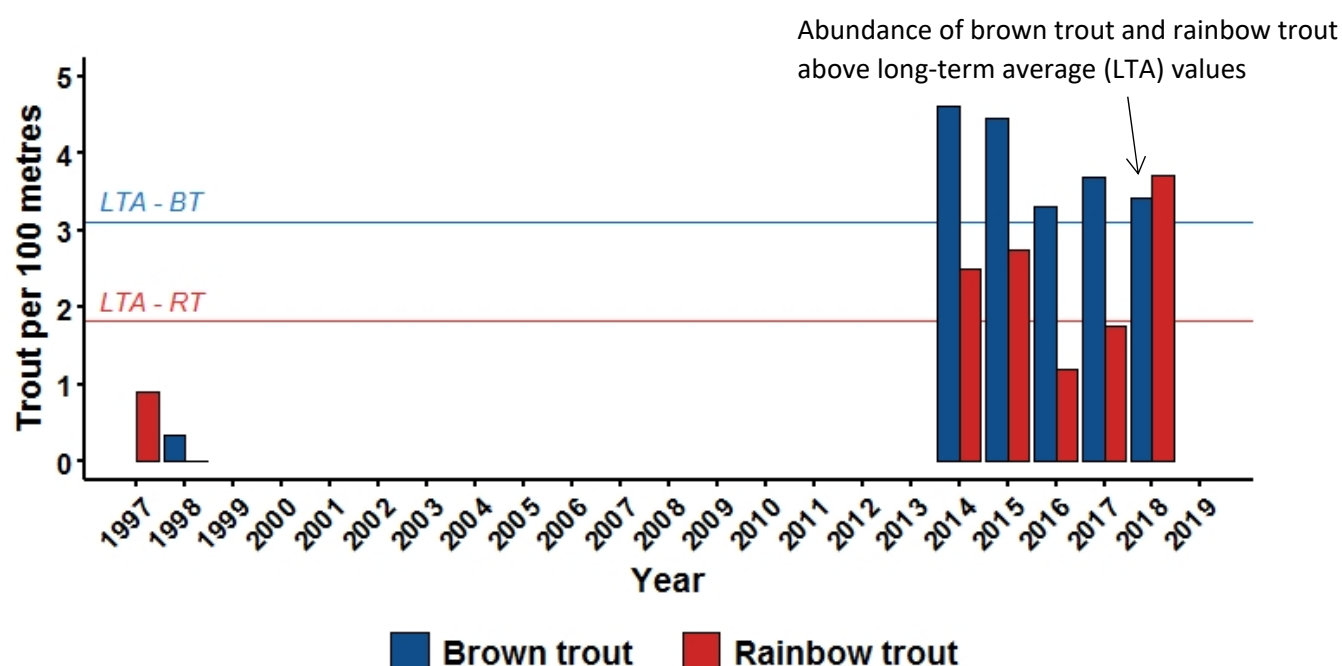
Monitoring results	Brown trout	Rainbow trout	ALL TROUT
Total number of fish caught in 355 m of river	13	13	26
Mean fish abundance (fish per 100 m)	3.4	3.7	7.1
Largest fish	Weight	0.18 kg (0.4 lb)	0.18 kg (0.4 lb)
	Length	25 cm (10 ")	25 cm (10 ")
% of catchable (20 cm +) fish	6.7 %	0 %	3.6 %
Average size of catchable fish (20 cm +)	25 cm (10 ")		25 cm (10 ")
Abundance of catchable fish per 100 m	0.23	0	0.23
<b>Other species present:</b>	2 spined blackfish, galaxiid minnows, redfin perch, roach and yabbies		



## Jamieson River size range in 2018



## Jamieson River abundance



The 2018 survey suggests the Jamieson River supports moderate numbers of brown trout and rainbow trout. Abundance of brown trout is similar to recent years whereas abundance of rainbow trout has increased over the last three years. Abundance of both species in 2018 is above long-term average (LTA) values. There is evidence of recent recruitment of rainbow trout, but not brown trout. There are some mature fish capable of spawning present. Note that Jordan Scotty incubator boxes containing brown trout eggs were placed in the Jamieson in 2017 (see Bryne et al. this document).