

SUPPLEMENTARY MATERIAL

Fig. S1. Mean daily discharge (ML day⁻¹)(solid line), water temperature (°C)(dotted line) and egg/larvae mean abundance (ML⁻¹) (numbers under triangles) collected in drift nets at Nogoia River sites (i.e. Glenlees and Norwood). Discharge and water temperature from Nogoia River at Craigmore gauge (130209a). Open triangles on x-axis indicate electrofishing sampling targeted at YOY fish; closed triangles represent drift net sampling of eggs/larvae. Letters on x-axis represent calendar months from July to June. * indicates events where juveniles were collected.

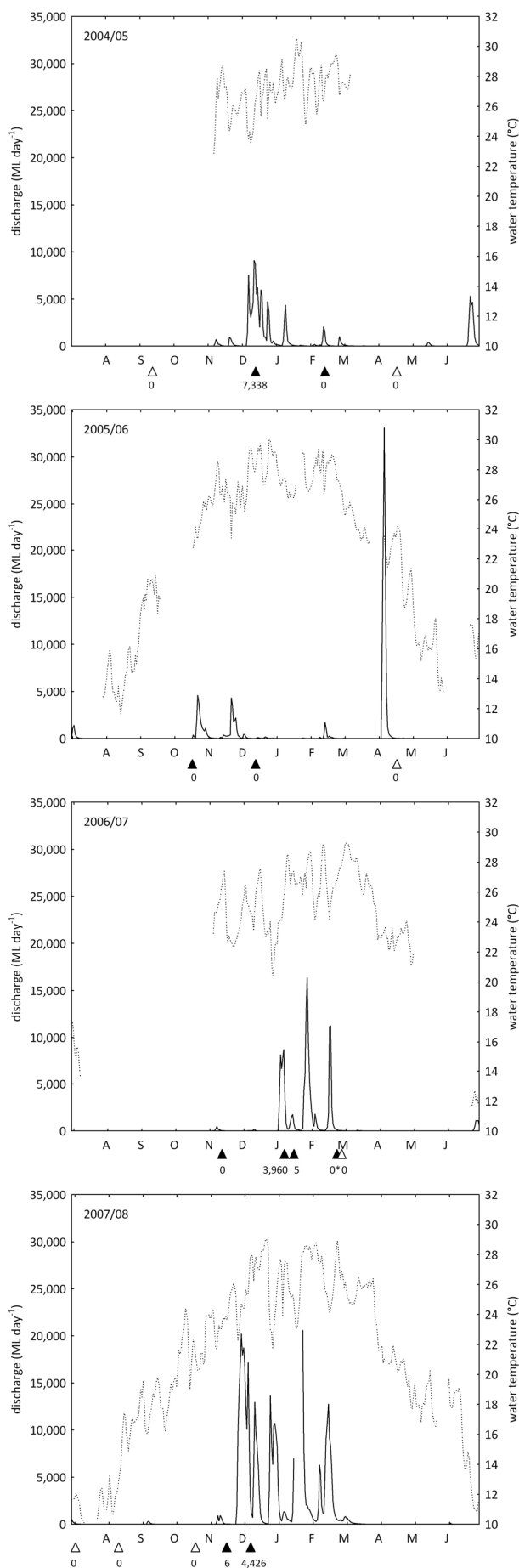


Fig. S2. Mean daily discharge (ML day⁻¹)(solid line), water temperature (°C)(dotted line) and egg/larvae mean abundance (ML⁻¹) (numbers under triangles) collected in drift nets at Dawson River sites (i.e. Taroom, Isla Delusion, Waddington and Boolburra). Discharge and water temperature from Dawson River at Taroom gauge (130302a). Open triangles on *x*-axis indicate electrofishing sampling targeted at YOY fish; closed triangles represent drift net sampling of eggs/larvae. Letters on *x*-axis represent calendar months from July to June. * indicates events where juveniles were collected.

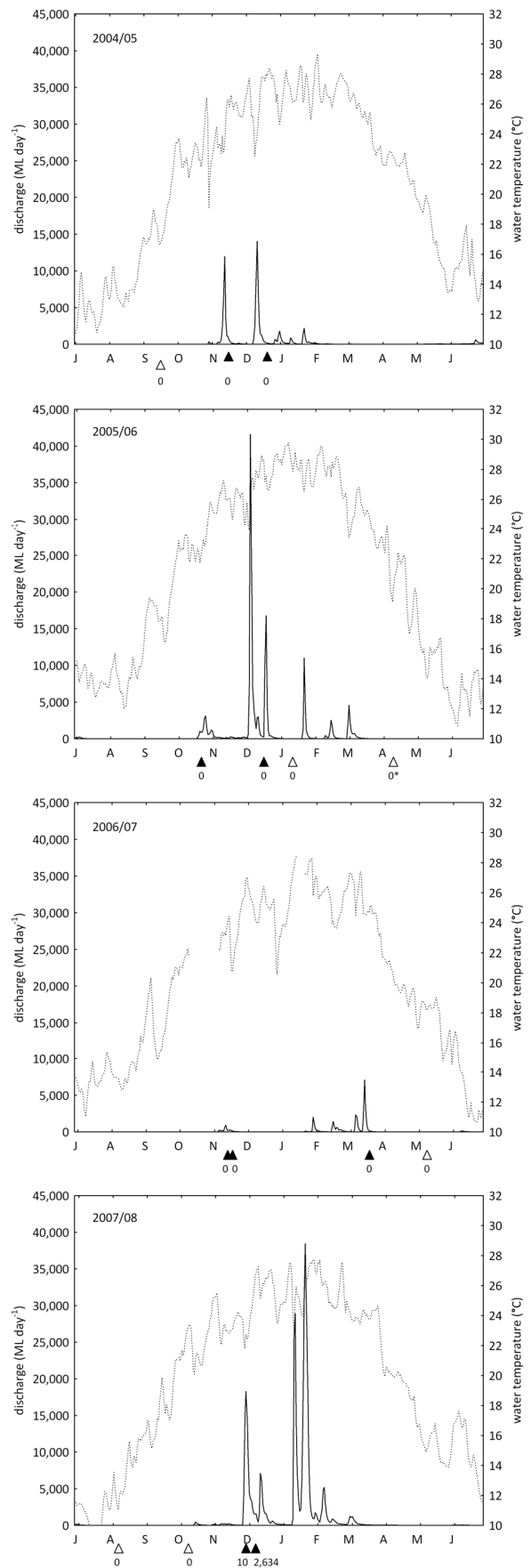


Table S1. Mean, minimum and maximum flow (ML day⁻¹), water temperature (°C) and river height (m) data during periods of recorded spawning

Data corresponds to periods of back-dated spawning. Samples marked with * indicate back-dated YOY estimated spawning events. Data recorded in 30 minute intervals. dna indicates that temperature data was not available

Site No.	Site Name	Sample Date	Water Temp (°C)			Flow (ML day ⁻¹)			River height (m above CTF)		
			Mean	Min	Max	Mean	Min	Max	Mean	Min	Max
21	Norwood	14/12/2004	25.9	23.8	28.5	6,781	3,586	10,098	4.82	3.78	5.90
20	Glenlees	15/12/2004	27.1	24.6	29.0	5,922	1,662	10,098	4.55	2.61	5.90
8	Taroom	31/10/2005*	25.9	24.6	27.6	246	58	1,394	0.51	0.22	1.63
20	Glenlees	3/01/2007*	26.2	21.6	29.5	3,940	104	10,199	3.90	0.74	5.91
20	Glenlees	10/01/2007	26.0	23.6	29.5	4,722	225	10,199	4.15	1.21	5.91
20	Glenlees	17/01/2007	28.4	27.7	29.5	344	225	522	1.32	1.21	1.51
8	Taroom	28/11/2007	22.6	21.5	24.2	5,588	43	14,361	3.12	0.19	4.15
20	Glenlees	29/11/2007	22.7	21.9	23.4	12,549	7,336	17,630	6.24	5.01	6.61
20	Glenlees	4/12/2007	24.5	24.1	25.1	17,498	16,185	18,992	6.60	6.50	6.71
5	Boolburra	6/12/2007	25.3	24.8	26.9	5,924	4,685	7,534	2.37	2.10	2.71
9	Waddington Pk	10/12/2007	24.8	23.5	26.0	7,849	3,963	15,066	3.93	2.65	5.59
7	Isla Delusion	10/12/2007	dna	dna	dna	5,383	3,006	8,401	3.18	2.17	4.08