

Fish in Rivers Factsheet

SWRBD

Licky River catchment

Factsheet: 2018/10

The Licky River catchment is located in the South Western River Basin District and is a tributary of the Blackwater (Munster) River. The catchment covers an area of approximately 58.6km². The river rises west of An Rinn, Co. Waterford and flows in a south-westerly direction until it joins the Blackwater River north of Youghal Co. Cork. The geology of this catchment is

predominantly a mixture of sandstone and mudstone and agriculture is the main land use activity.

Seven sites were surveyed on the Licky Catchment between the 24th and 25th of September 2018. One Water Framework Directive surveillance monitoring site (3) was included in the survey.



The Licky River at Ballyheeney Br., Co. Waterford (site 6)



Fig 1. Map of Licky River Catchment survey sites, 2018

Site survey details, Licky Catchment, 2018

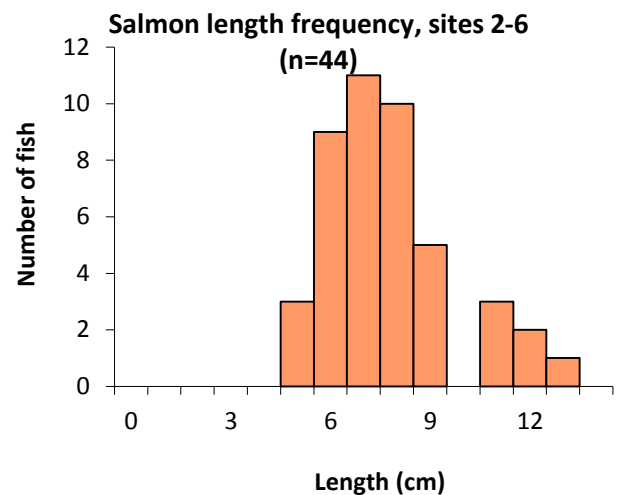
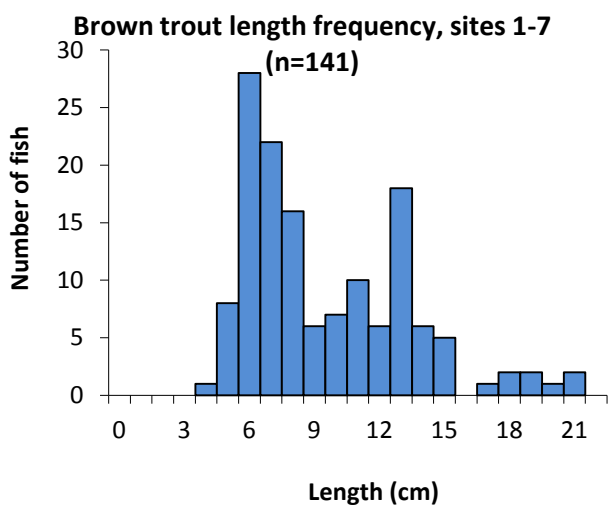
No.	River name	Site	Method	WFD	Date
1	Licky River	N25 Gorteen	TEF (Handset)	-	25/09/2018
2	Lyre River	Carrigeen	TEF (Handset)	-	25/09/2018
3	Licky River	Br. NE of Glenlicky	TEF (Handset)	Yes	25/09/2018
4	Licky River	Grallagh Br.	TEF (Handset)	-	24/09/2018
5	Licky River	Kilgabriel SW	TEF (Handset)	-	24/09/2018
6	Licky River	Ballyheeny Br.	TEF (Handset)	-	24/09/2018
7	Creegagh River	d/s Coolbooa Graveyard	TEF (Handset)	-	24/09/2018

TEF (Ten-minute electrofishing)

Minimum density estimates (no. fish/m²), Licky River Catchment 2018 (previous results are shown where applicable)

Site no.	1	2	3		
Species	2018	2018	2010	2013	2018
Brown trout	0.451	0.700	0.088	0.079	0.297
0+ brown trout	0.170	0.600	0.006	0.015	0.106
1+ & older brown trout	0.281	0.100	0.082	0.064	0.190
European eel	0.022	-	0.016	0.011	0.017
Flounder	-	-	-	-	-
Salmon	-	0.100	0.035	0.090	0.022
0+ salmon	-	0.100	0.009	0.004	0.011
1+ & older salmon	-	-	0.025	0.086	0.011
Sea trout	-	-	-	-	-
Three-spined stickleback	-	-	-	-	-
All fish	0.473	0.800	0.138	0.180	0.336

Site no.	4	5	6	7
Species	2018	2018	2018	2018
Brown trout	0.094	0.062	0.019	0.490
0+ brown trout	0.024	0.022	0.006	0.431
1+ & older brown trout	0.069	0.040	0.013	0.059
European eel	0.009	-	-	-
Flounder	-	0.003	0.013	-
Salmon	0.060	0.043	0.134	-
0+ salmon	0.060	0.025	0.115	-
1+ & older salmon	-	0.019	0.019	-
Sea trout	-	0.003	-	-
Three-spined stickleback	-	-	0.029	0.059
All fish	0.163	0.111	0.195	0.549



Salmonid age class structure Licky Catchment 2018

Species	Site No.	% of catch			
		0+	1+	2+	3+
Brown trout	1	44	53	-	3
	2	87	13	-	-
	3	36	44	8	12
	4	27	73	-	-
	5	40	60	-	-
	6	33	33	33	-
	7	88	4	8	-
Salmon	2	100	-	-	-
	3	50	50	-	-
	4	100	-	-	-
	5	57	43	-	-
	6	86	14	-	-

Summary

Five fish species and 'sea trout' a separate variety of trout were recorded at seven sites surveyed on the Licky River Catchment in 2018. Brown trout was the most abundant species captured. Salmon were recorded at five out of seven sites surveyed. Four age classes of brown trout, 0+, 1+, 2+ and 3+, were present and ranged in length from 4.8 to 21.4cm. Two age classes of salmon 0+ & 1+ were present and ranged in length from 5.2 to 13.7cm. European eel was recorded at three sites (1, 3 & 4). Flounder were recorded at two sites (5 & 6). One sea trout was recorded at site 5 and measured 33.8cm in length.

Two sites achieved Good fish ecological status and four sites were assigned Moderate fish status.

Fish ecological status, Licky catchment, 2018.

Site No.	2010	2013	2018
1	Good		Good
2			Good
3	Mod	Mod	Mod
4			N/A
5			Mod
6			Mod
7			Mod

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