

Fish in Rivers Factsheet

NBIRBD

Flurry River Catchment

Factsheet: 2018/4

The Flurry River Catchment is located within the Neagh Bann International River Basin District and covers an area of approximately 83.5 km². The Flurry River rises near Newry in Co. Armagh and flows in a southerly direction to meet the sea just north of Dundalk. Geology is comprised of granite to the north and limestone further downstream. The primary land use types include agriculture, with peat land found on

the western side of Carlingford Mountain. Eastern portions of this catchment fall within the Carlingford Mountain Special Area of Conservation (SAC), while the mouth of the river joins the sea at Dundalk Bay SAC.

Three sites were surveyed on the Flurry River catchment on the 3rd July 2018.



The Flurry River at Drumad, Co. Louth (site 1)



Fig 1 Map of Flurry River catchment electrofishing survey sites, 2018

Site survey details, Flurry River Catchment, 2018

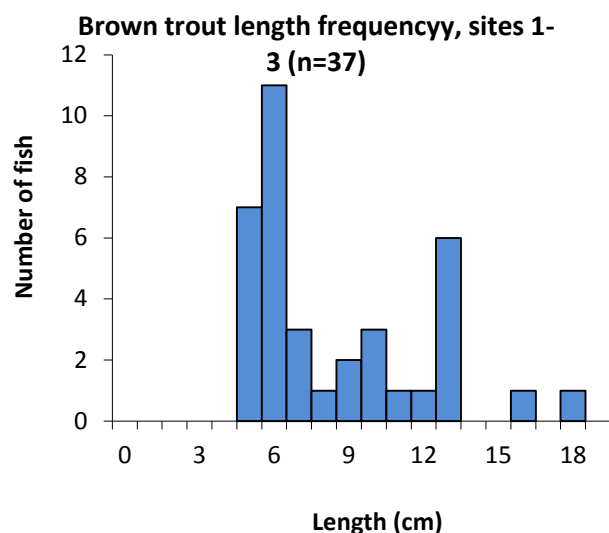
No.	River	Site	Method	WFD	Date
1	Flurry River	Drumad	TEF (Handset)	-	03/07/2018
2	Flurry River	Curralhir	TEF (Handset)	-	03/07/2018
3	Flurry River	Proleek Tomb	TEF (Handset)	-	03/07/2018
TEF (Ten-minute electrofishing)					

Minimum density estimates (no. fish/m²), Flurry River Catchment, 2018

Site no.	1	2	3
Species	2018	2018	2018
Brown trout	0.039	0.104	0.107
0+ brown trout	0.008	0.052	0.069
1+ & older brown trout	0.031	0.052	0.038
European eel	0.012	-	-
Lamprey Sp.	0.008	-	-
Salmon	0.062	0.275	0.101
0+ salmon	0.031	0.123	0.084
1+ & older salmon	0.031	0.152	0.017
All fish	0.120	0.380	0.208

Salmonid age class structure Flurry River Catchment 2018

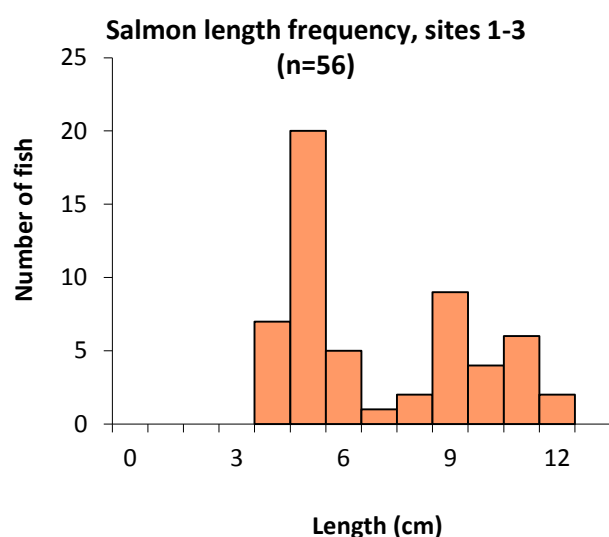
Species	Site No.	% of catch			
		0+	1+	2+	3+
Brown trout	1	20	20	60	-
	2	58	33	-	8
	3	70	30	-	-
Salmon	1	50	50	-	-
	2	47	53	-	-
	3	83	17	-	-



Summary

Four fish species were recorded at three sites surveyed on the Flurry River Catchment in 2018. Salmon was the most abundant species captured. Salmon and brown trout were recorded at all three sites. Four age classes of brown trout 0+, 1+, 2+ & 3+ were present and they ranged in length from 5 to 18.9cm. Salmon ranged in length from 4.2 to 12.5cm and two age classes for salmon 0+ & 1+ were present. European eel and lamprey were recorded at just one site (Site 1).

Sites 2 and 3 were assigned Good fish ecological status as required by the Water Framework Directive. However, site 1 only achieved moderate fish status.



Fish ecological status, Flurry River catchment, 2018

Site No.	2018
1	Moderate
2	Good
3	Good

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CITATION: Matson, R., Delanty, K., Gordon, P., O'Briain, R., McCarthy, E., Cierpal, D., Connor, L., Corcoran, W., Coyne, J., McLoone, P., Morrissey-McCaffrey, E., Brett, T., Gavin, A and Kelly, F.L., (2019) Sampling Fish in Rivers 2018 - Flurry, Factsheet No. 4. National Research Survey Programme. Inland Fisheries Ireland.

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