

Fish in Rivers Factsheet

SWRBD

Glashaboy River Catchment

Factsheet:

The Glashaboy River Catchment is located within the South Western River Basin District and covers an area of approximately 141km². The Glashaboy River flows in a southerly direction, through Carrignavar, Co. Cork, before heading south-eastwards towards Glanmire. It reaches the sea at Cork Harbour near Dunkettle. Geology is comprised of sandstone, siltstone, mudstone and conglomerate. The primary land use

types include agriculture (pasture and tillage), with thin strips of woodland located along the main channel.

Seven sites were surveyed on the Glashaboy Catchment between the 15th and 16th of August 2018.



The Glashaboy River at Ballyvorisheen Br., Co. Cork (site 1)

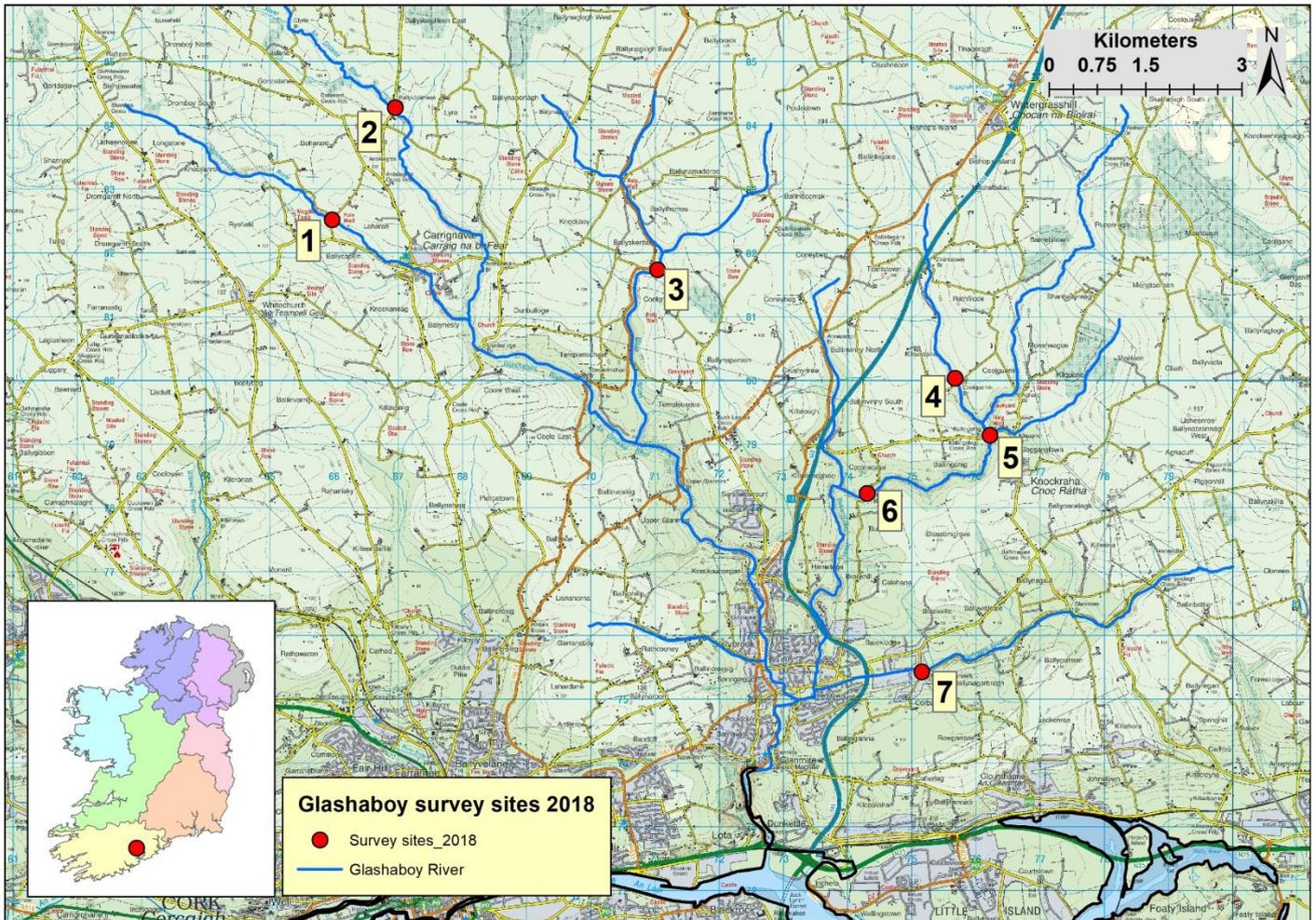


Fig 1. Map of Glashaboy Catchment electrofishing survey sites, 2018

Site survey details, Glashaboy Catchment, 2018

No.	River name	Site	Method	WFD	Date
1	Glashaboy River	Ballyvorisheen Br.	TEF (Handset)	Yes	15/08/2018
2	Cloghnagashee River	Laharan Holy Well	TEF (Handset)	-	15/08/2018
3	Ballymadree River	Coolgreen	TEF (Handset)	-	15/08/2018
4	Watergrasshill River	Coolguerisk Br.	TEF (Handset)	-	16/08/2018
5	Watergrasshill River	Ballingohig Br.	TEF (Handset)	-	15/08/2018
6	Butlerstown River	Butlerstown Br.	TEF (Handset)	-	16/08/2018
7	Glenmore River	Droghedaneirk	TEF (Handset)	-	16/08/2018

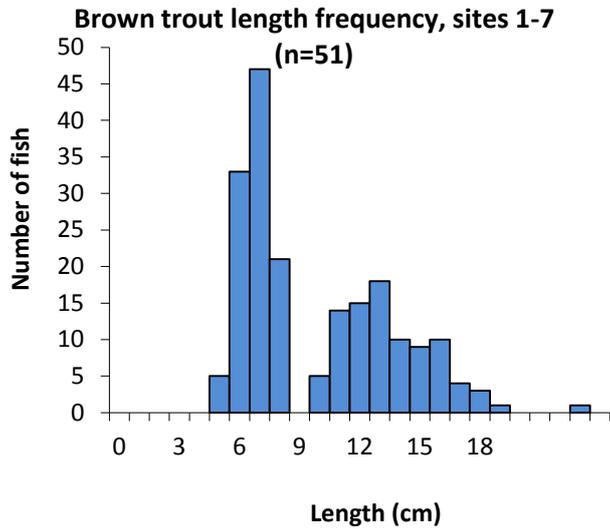
TEF (Ten-minute electrofishing)

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

Site no.	1	2	3	4
Species	2018	2018	2018	2018
Brown trout	0.492	0.223	0.875	0.401
0+ brown trout	0.194	0.088	0.533	0.250
1+ & older brown trout	0.298	0.136	0.341	0.152
European eel	-	-	-	-
Lamprey Sp.	-	0.008	-	0.009
Three-spined stickleback	-	0.048	-	-
Salmon	0.009	-	0.074	-
0+ salmon	0.000	-	0.000	-
1+ & older salmon	0.009	-	0.074	-
All fish	0.501	0.279	0.949	0.410
Site no.	5	6	7	
Species	2018	2018	2018	
Brown trout	0.116	0.215	0.126	
0+ brown trout	0.060	0.101	0.067	
1+ & older brown trout	0.055	0.113	0.059	
European eel	-	0.042	-	
Lamprey Sp.	-	-	0.007	
Three-spined stickleback	-	-	0.022	
Salmon	0.010	0.048	-	
0+ salmon	0.000	0.048	-	
1+ & older salmon	0.010	0.000	-	
All fish	0.126	0.304	0.156	

Salmonid age class structure Glashaboy Catchment
2018

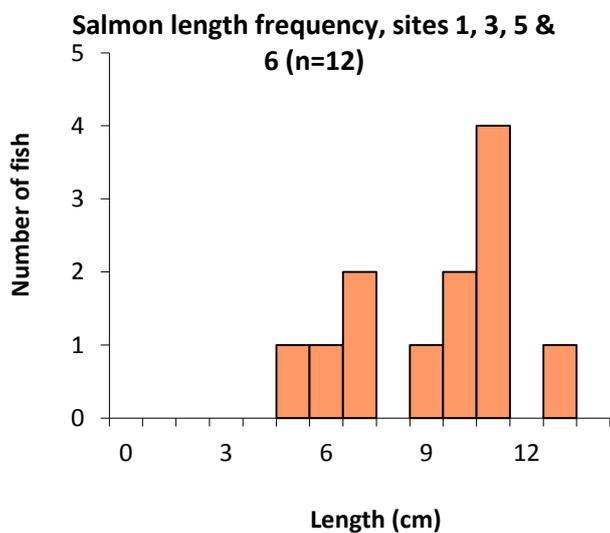
Species	Site No.	% of catch			
		0+	1+	2+	3+
Brown trout	1	41	43	14	2
	2	38	31	23	8
	3	64	28	8	-
	4	64	32	5	-
	5	55	45	-	-
	6	50	39	11	-
	7	56	33	11	-
Salmon	1	-	100	-	-
	3	-	100	-	-
	5	-	100	-	-
	6	100	-	-	-



Summary

Five fish species were recorded at seven sites surveyed on the Glashaboy River Catchment in 2018. Brown trout was the most abundant species captured and ranged in length from 5.5 to 23.1cm. Salmon were recorded at four out of seven sites. Four age classes of brown trout 0+, 1+, 2+, & 3+ and two for salmon 0+ & 1+ were present. Salmon ranged in length from 5.5 to 13.3cm. European eel was recorded at one site only (6). Lamprey were recorded at three sites (2, 4 & 7). Three-spined stickleback were also recorded in the catchment.

Two sites were assigned Good ecological status and five sites achieved Moderate status.



Fish ecological status, Glashaboy Catchment, 2018

Site No.	2008	2011	2014	2018
1	Good	Good	Good	Good
2				Mod
3				Mod
4				Good
5				Mod
6				Mod
7				Mod

Inland Fisheries Ireland: 3044 Lake Drive, Citywest Business Campus, Dublin, D24 Y265, Ireland

CITATION: Matson, R., Delanty, K., Gordon, P., O’Brian, 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 - Glashaboy, Factsheet No. 9. National Research Survey Programme. Inland Fisheries Ireland.

The report includes Ordnance Survey Ireland data reproduced under OSI Copyright Permit No. MP 007508. Unauthorised reproduction infringes Ordnance Survey Ireland and Government of Ireland copyright. © Ordnance Survey Ireland, 2019.

