

Fish in Rivers Factsheet

SHIRBD

Feorish & Hind River Catchments

Factsheet: 2017/18

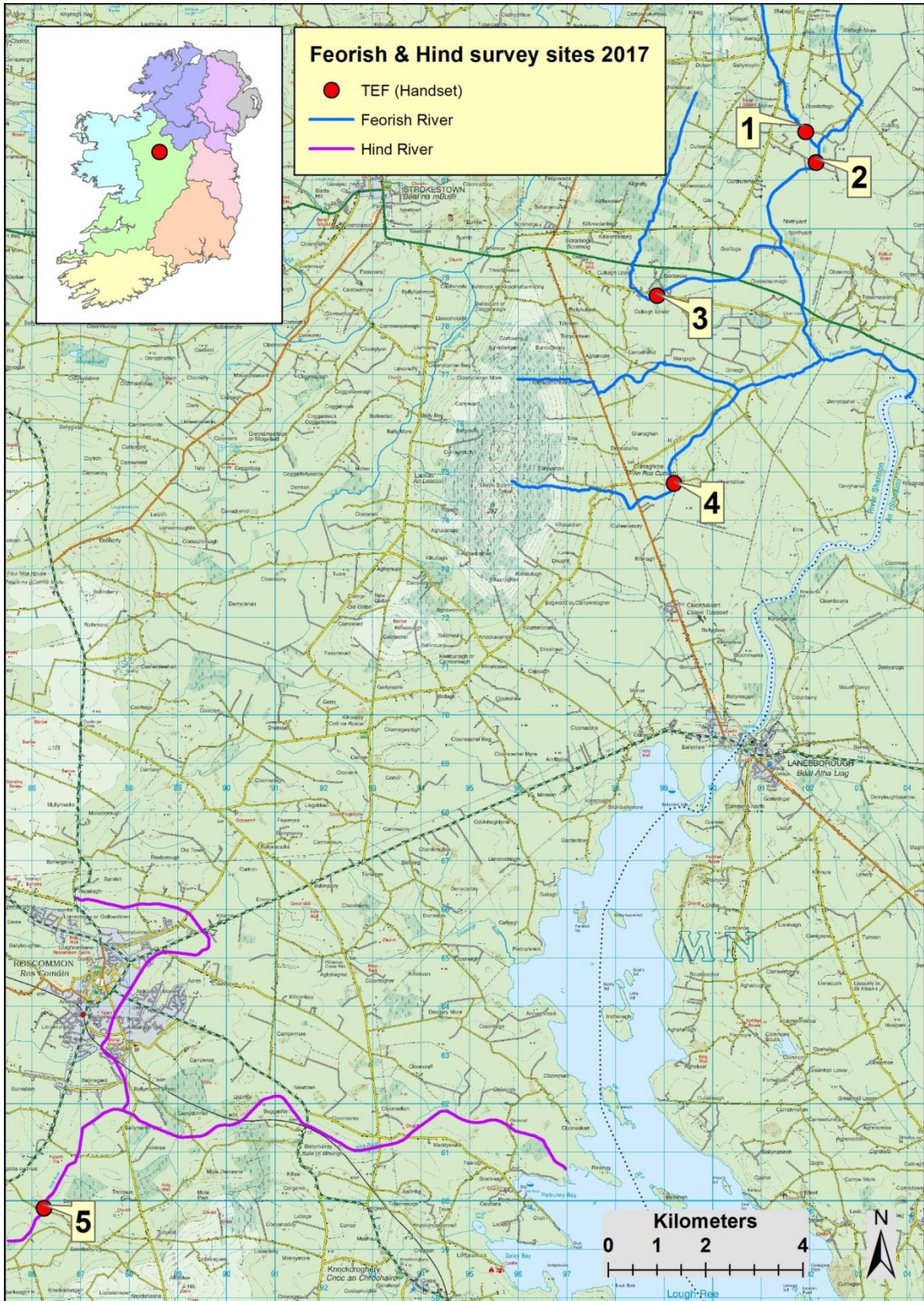
The Feorish and Hind River Catchments are located in the Shannon International River Basin District and cover an area of approximately 80km² and 78km² respectively. The Feorish River is a small river rising near Roosky Co. Roscommon. It flows in a south easterly direction, reaching the River Shannon near Termonbarry. The geology of this catchment is a mix of mainly limestone and sandstone, with the primary land uses being agriculture and cut away bog. The Hind River flows south through Roscommon Town, before heading eastwards into Lough Ree. The

geology of this catchment is mainly limestone and shale, with the primary land use being agriculture. Only a small portion of this catchment's most western headwaters falls within the Lough Ree Special Area of Conservation.

Four sites were surveyed on the Feorish River catchment and one on the Hind River on the 19th of September 2017.



The Feorish River at Caul (Site 2).



Map of Feorish and Hind Rivers electrofishing survey sites, 2017

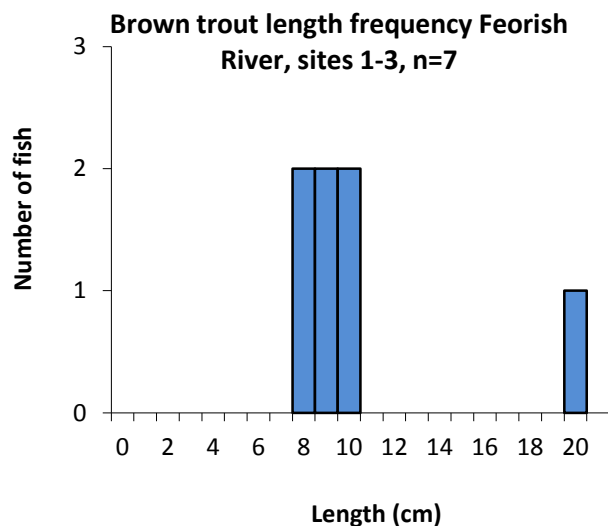
Site survey details, Feorish & Hind River Catchments, 2017

No.	River name	Site	Method	Date
1	Feorish River	Dooslattagh	TEF (Handset)	19/09/2017
2	Feorish River	Caul	TEF (Handset)	19/09/2017
3	Feorish tributary	Gorttose	TEF (Handset)	19/09/2017
4	Feorish tributary	Curraghroe	TEF (Handset)	19/09/2017
5	Hind River	Derrineel	TEF (Handset)	20/09/2017

TEF (Ten-minute electrofishing),

Minimum density estimates (no. fish/m²)

Site no.	1	2	3	4	5
Species	2017	2017	2017	2017	2017
Brown trout	0.031	0.078	0.046	-	0.016
0+ brown trout	-	-	0.023	-	-
1+ & older brown trout	0.031	0.078	0.023	-	0.016
Lamprey sp.	-	-	0.034	-	-
Three-spined stickleback	0.138	-	0.068	0.242	-
All Fish	0.169	0.078	0.148	0.242	0.000



Salmonid age class structure, Feorish & Hind River Catchment, 2017

Species	Site No.	% of catch		
		0+	1+	2+
Brown trout	1	-	100	-
	2	-	67	33
	3	50	50	-
	5	-	-	100

Fish ecological status, Feorish & Hind River Catchment

Site No.	2017
1	Poor
2	Poor
3	Poor
4	Bad
5	Poor

Summary

Three fish species were recorded at five sites surveyed on the Feorish and Hind River Catchments in 2017. Brown trout was the most abundant species captured, at two sites (2 and 5), while three-spined stickleback was dominant at sites 1, 3 and 4. Three age classes for brown trout (0+, 1+, 2+) were present.

Four sites (1-3 and 5) were assigned a fish ecological status of poor and one site (4) was assigned bad fish status.

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CITATION: Matson, R., Delanty, K., Gordon, P., O'Briain, R., Garland, D., Cierpal, D., Connor, L., Corcoran, W., Coyne, J., McLoone, P., Morrissey-McCaffrey, E., Brett, T., Ní Dhonnabhain, L. and Kelly, F.L., (2018) Sampling Fish in Rivers 2017 – Feorish & Hind, Factsheet No. 18. National Research Survey Programme. Inland Fisheries Ireland.

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