

The development of Rivers Trusts across Ireland

Mark Horton BSc(Hons) MSc MIFM
Director All-Ireland



What is THE RIVERS TRUST

where there's water there's life

- Umbrella body for rivers trusts in England, Wales, Northern Ireland and Republic of Ireland
- Member-led
 - Start up advice
 - Technical Support
 - Knowledge share
 - National representation
 - Coordinated funding bids
- Team spread across UK & RoI



WHAT ARE RIVERS TRUSTS?

Registered in England and Wales as a company limited by guarantee
Company Registration No: 5136671 Charity Registration No: 1107144
Registered/Head Office: Rain-Charm House, Kyl Cober Parc, Stoke Climsland, Callington, Cornwall PL17 8PH
Telephone: +44 (0) 1579 372 142



Charities established to look after a **whole river catchment** or area with a number of waterbodies

Catchment-based approach

Evidence-based action

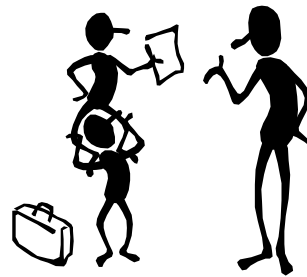
Partnership working

Recognised as river basin based deliverers

Contributing to local and EU Objectives

What are Rivers Trusts?

'wet feet' organisations not lobbying organisations



Empowering People
Partnership Working



A grassroots "bottom up" movement

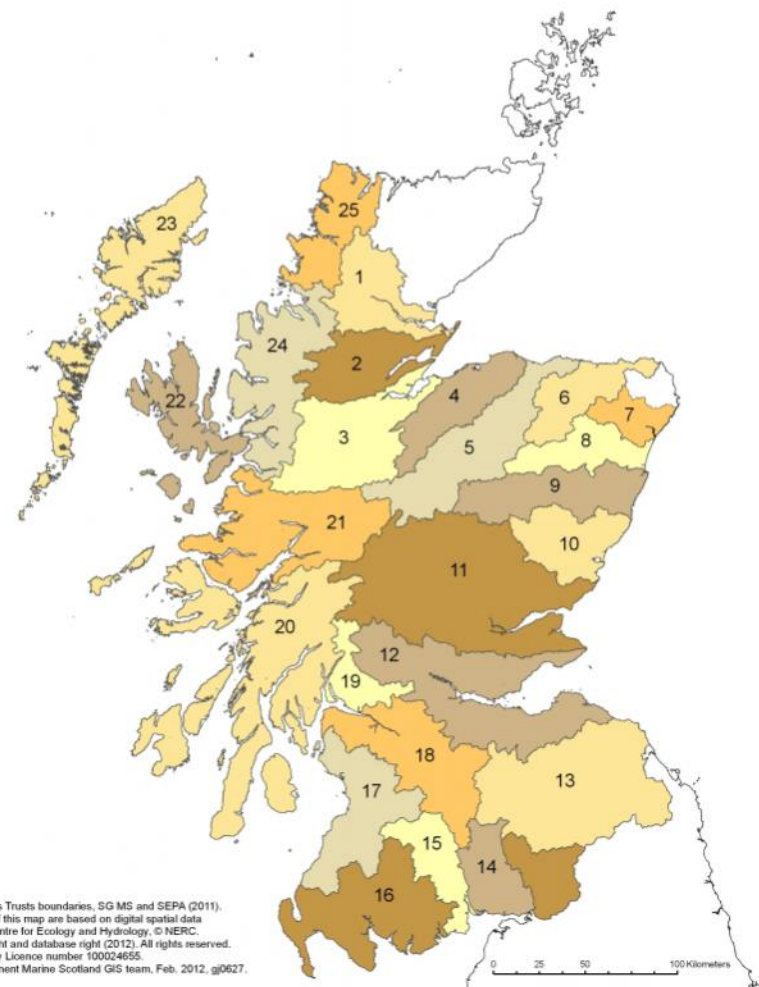
Identifying new funding sources and redirecting existing funds to be more effective



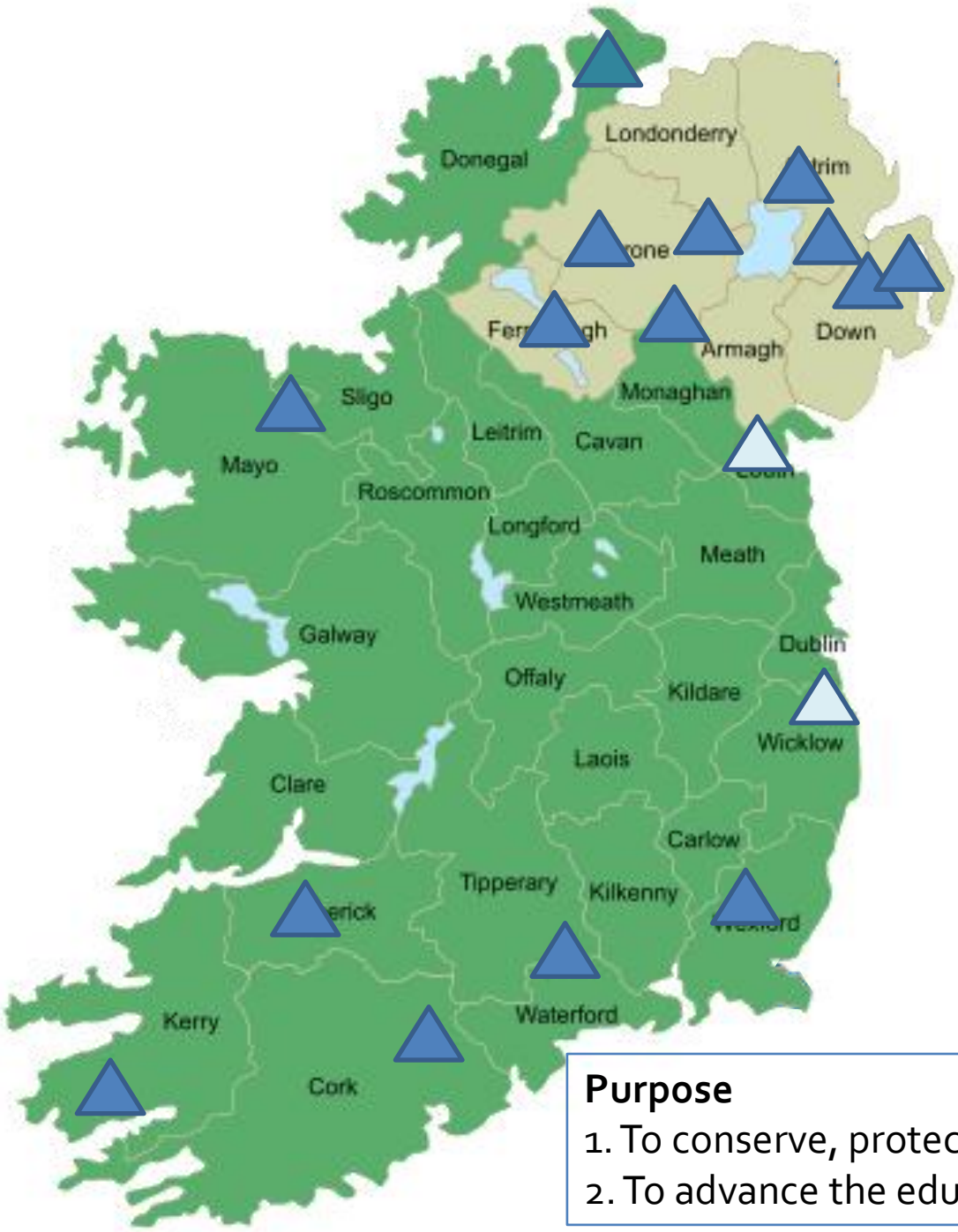
Local action...national impact



1. Kyle of Sutherland Fisheries Trust
2. Cromarty Firth Fisheries Trust
3. Ness & Beaully Fisheries Trust
4. Findhorn, Nairn & Lossie Trust
5. Spey Foundation
6. Deveron, Bogie & Isla Rivers Charitable Trust
7. River Ythan Trust
8. River Don Trust
9. River Dee Trust
10. The Esk's Rivers & Fisheries Trust
11. Tay Foundation
12. Forth Fisheries Trust
13. Tweed Foundation
14. River Annan Trust
15. Nith Catchment Fisheries Trust
16. Galloway Fisheries Trust
17. Ayrshire Rivers Trust
18. Clyde River Foundation
19. Loch Lomond Fisheries Trust
20. Argyll Fisheries Trust
21. Lochaber Fisheries Trust
22. Skye Fisheries Trust
23. Outer Hebrides Fisheries Trust
24. Wester Ross Fisheries Trust
25. West Sutherland Fisheries Trust



Source: Fisheries Trusts boundaries, SG MS and SEPA (2011).
 Some features of this map are based on digital spatial data
 licensed from Centre for Ecology and Hydrology, © NERC.
 © Crown copyright and database right (2012). All rights reserved.
 Ordnance Survey Licence number 100024655.
 Scottish Government Marine Scotland GIS team, Feb. 2012, g0627.



Northern Ireland

- Ballinderry Rivers Trust
- Six Mile Water Trust
- Maine Rivers Trust
- River Blackwater Catchment Trust (cross border)
- Lagan Rivers Trust
- Dibney River Conservation Trust
- Strule Tributaries and Rivers Trust
- Erne Rivers Trust (cross border)

Republic of Ireland

- Slaney Rivers Trust
- Blackwater Rivers Trust
- Nore Suir Rivers Trust
- Inishowen Rivers Trust
- Maigue Rivers Trust
- Waterville Lakes and Rivers Trust
- Moy River Association

Fane interest groups
Vartry River Protection Society

Purpose
1. To conserve, protect, rehabilitate and improve
2. To advance the education of the public



A snapshot

THE WORK OF RIVERS TRUSTS ACROSS IRELAND

Registered in England and Wales as a company limited by guarantee
Company Registration No: 5136671 Charity Registration No: 1107144
Registered/Head Office: Rain-Charm House, Kyl Cober Parc, Stoke Climsland, Callington, Cornwall PL17 8PH
Telephone: +44 (0) 1579 372 142



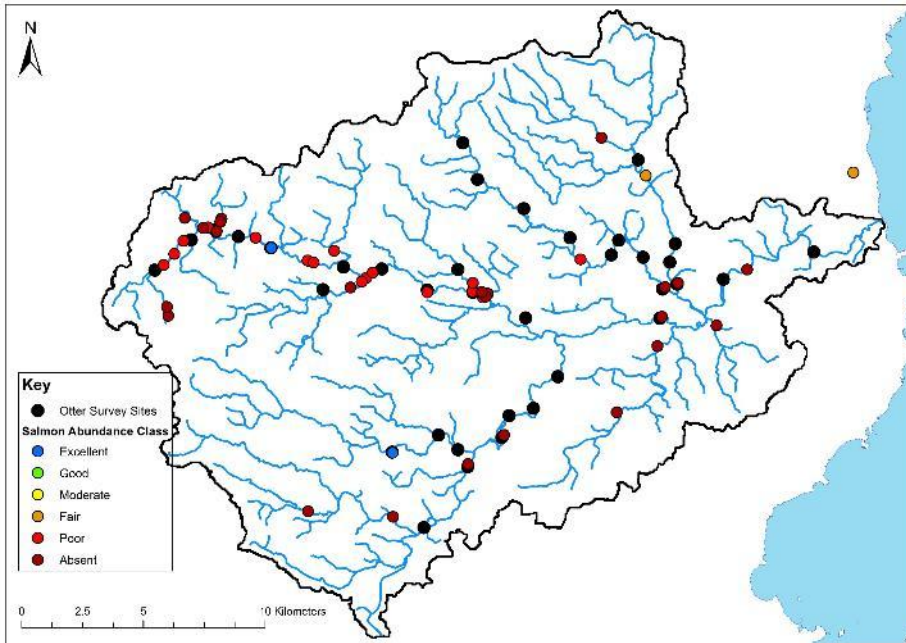
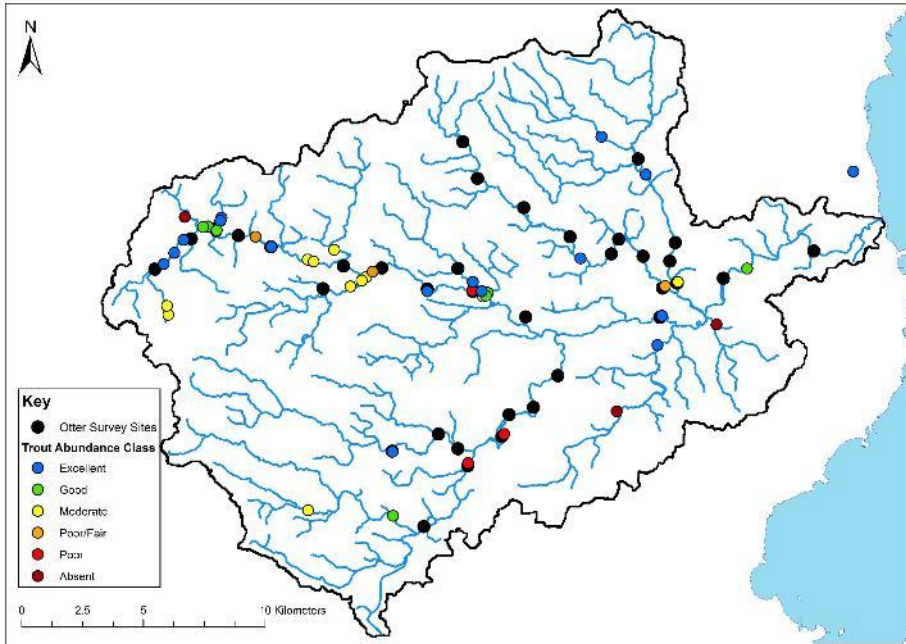


EVIDENCE GATHERING AND PROJECT PLANNING

Registered in England and Wales as a company limited by guarantee
Company Registration No: 5136671 Charity Registration No: 1107144
Registered/Head Office: Rain-Charm House, Kyl Cober Parc, Stoke Climsland, Callington, Cornwall PL17 8PH
Telephone: +44 (0) 1579 372 142



Fisheries Assessments

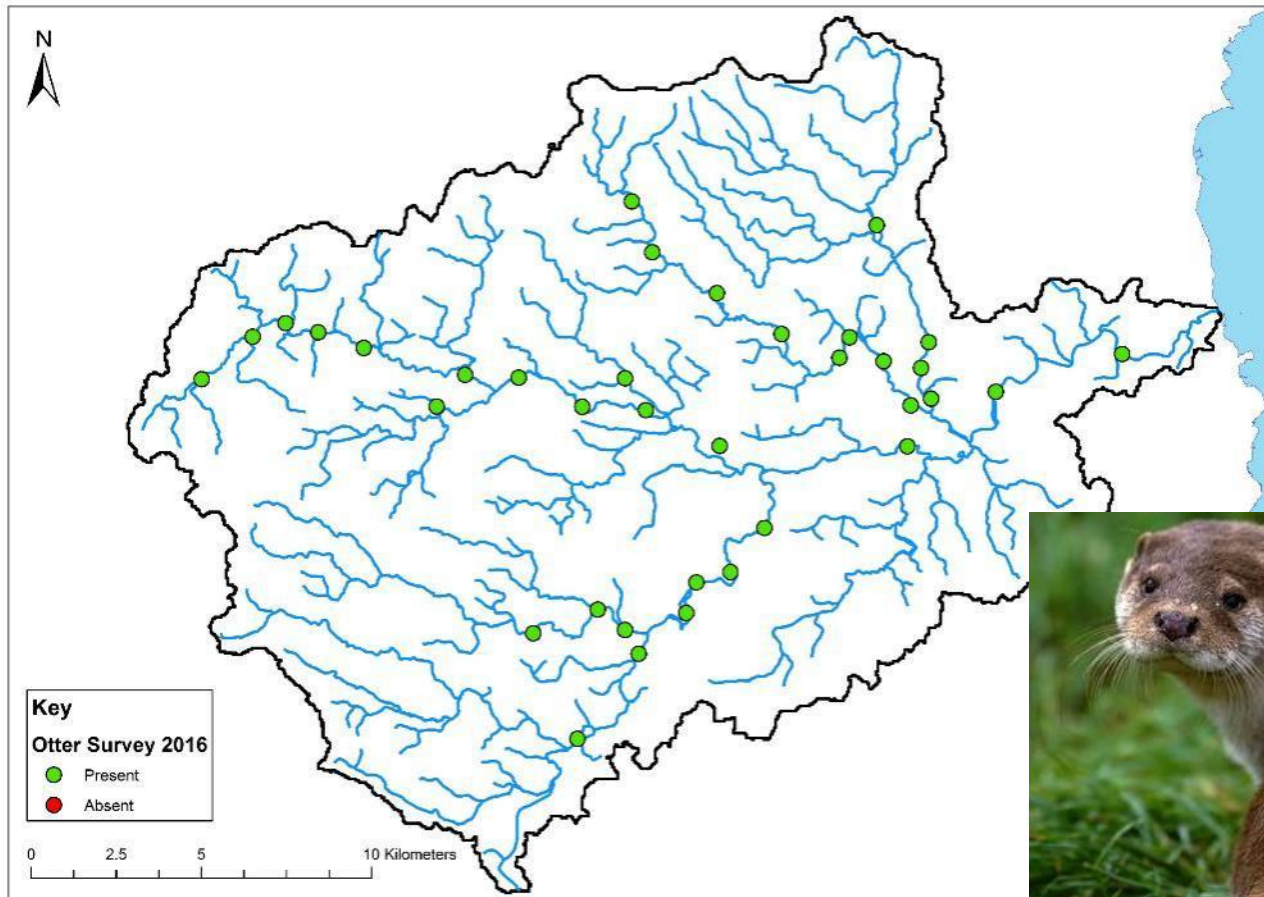


Registered Head Office: Rain Chain House, Kyr Coben Park, Stoke Climsland, Camlington, Cornwall PL27 8JH

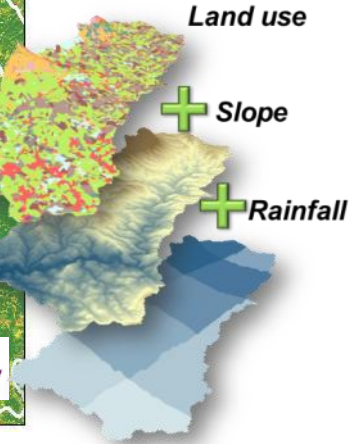
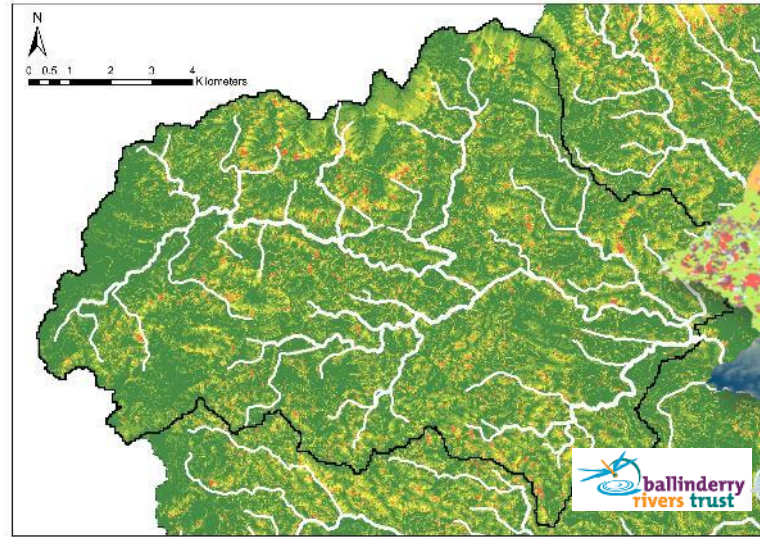
Telephone: +44 (0) 1579 372 142



Conservation Status Condition Assessments



Identifying Pressures and Impacts

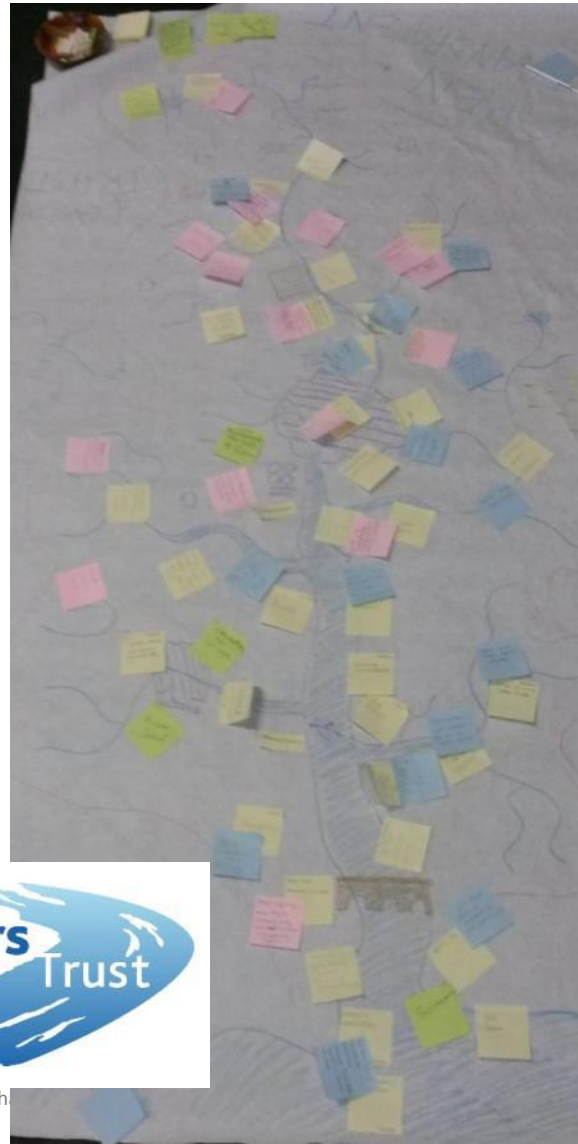


Walker
136
registered head office: 111 Main Street, Nyl Co

Telephone: +44 (0) 1579 372 142



Evidence in the Community





HABITAT IMPROVEMENT

Registered in England and Wales as a company limited by guarantee
Company Registration No: 5136671 Charity Registration No: 1107144
Registered/Head Office: Rain-Charm House, Kyl Cober Parc, Stoke Climsland, Callington, Cornwall PL17 8PH
Telephone: +44 (0) 1579 372 142



Fisheries Habitat Improvement

Knickeen River – Slaney Rivers Trust



River Corridor



Slaney Rivers Trust



Nore Suir River Trust



Invasive Plant Control



Other Invasive Alien Plant Species you may see along the river

For further identification resources or information on Invasive Alien Species, visit www.invasivespeciesireland.com

Cherry Laurel
Snowberry

Rhododendron
Floating Pennywort

Giant Hogweed
(*Heracleum Mantegazzianum*)

DO NOT TOUCH THIS PLANT

Flowering Plant (Summer)
Can grow up to 3m tall

Himalayan Balsam
(*Impatiens glandulifera*)

Flowering Plant (Summer)
Young (spring) foliage before flowering. Can grow up to 2-3m

Japanese Knotweed
(*Fallopia japonica*)

In summer, tall bushes
New shoots (Spring)

Dead Japanese Knotweed (Winter)
Woody canes remain which are brittle

First determination
(normally one leaf per stem)

Seed head of the Giant Hogweed (late summer). In winter the tall woody stem will remain

Red blotchy stem distinguishes Giant Hogweed from native hogweed

Rapid spring growth results in many jagged edged leaves

Invasive Alien Plant Species have colonised riverbanks throughout Northern Ireland. They threaten our native wildlife, economy and in some cases can be harmful to us. If you see any of the plants please report them to Invasive Species Ireland's Alien Watch at www.invasivespeciesireland.com

NIEA Northern Ireland Environment Agency
Department of the Environment
Antrim

Riverbank Invasive Alien Plants Pocket Identification Guide



Overcoming obstacles to fish migration

Boland's Weir fish passage project

Nore Suir River Trust



Reducing siltation



Registered in England and Wales as a company limited by guarantee
Company Registration No: 5136671 Charity Registration No: 1107144
Registered/Head Office: Rain-Charm House, Kyl Cober Parc, Stoke Climsland, Callington, Cornwall PL17 8PH
Telephone: +44 (0) 1579 372 142





MONITORING AND IMPROVING WATER QUALITY



Registered in England and Wales as a company limited by guarantee
Company Registration No: 5136671 Charity Registration No: 1107144
Registered/Head Office: Rain-Charm House, Kyl Cober Parc, Stoke Climsland, Callington, Cornwall PL17 8PH
Telephone: +44 (0) 1579 372 142



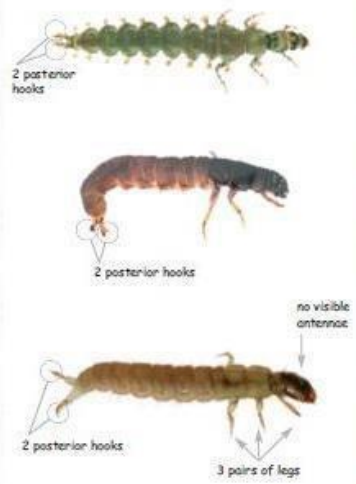
Riverfly Monitoring Initiative

Cased caddis



- Body within case
- Case made of small stones, sand grains, plant material or shells
- Not firmly attached to a surface
- Case may be round, square or flat in cross section

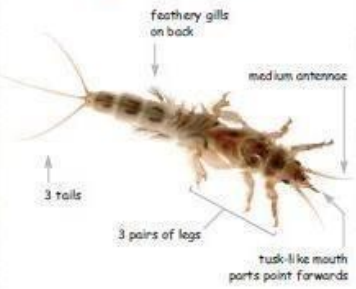
Caseless caddis



- 3 pairs of legs visible
 - May be inside web
- Avoid confusing with:**
- Chironomid midge larvae, which have no legs but walk using a soft peg near their head
 - Beetle larvae, which have no hooks on the posterior appendages

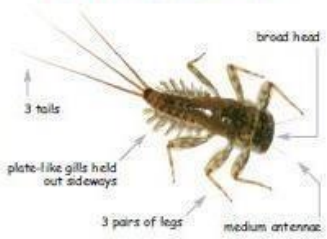
Note: caddis pupae are not recorded

Mayfly Ephemeroidea



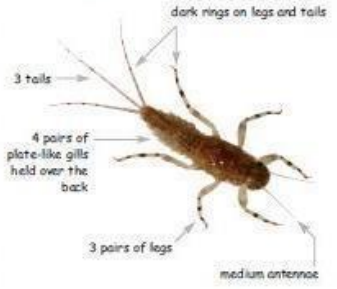
- Burrows in silt or sand or crawls

Flat-bodied Heptageniidae



- Body flattened
- Clings to stones
- Swims slowly, flexing body up and down, more commonly seen scuttling on a surface

Blue-winged olive Ephemerellidae



- Swims slowly with a rocking motion, body flexing up and down

Olives Baetidae



- Fast swimmer
- Agile darters
- Body tapered

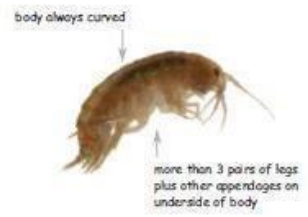
Note: not all up-wing fly families are included in the Target Group, for example Caenidae and Leptophlebiidae are not recorded.

Stoneflies



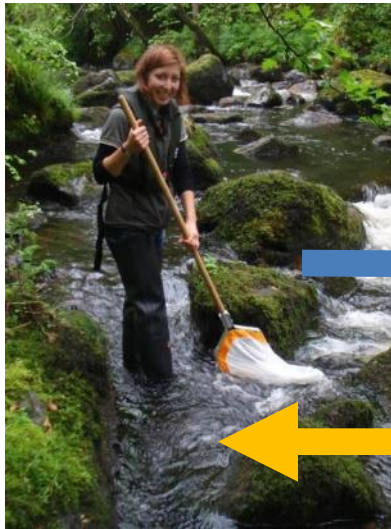
- Crawls or reluctantly swims flexing the body from side to side

Gammarus



- Body flattened side to side
- Swims on side

RMI in Action



River invertebrate monitoring for anglers

Organisation	
Site name	
River	
Grid reference	
Monitoring Group Coordinator	

		Example month		Month 1	Month 2	
Date		27/06/2005				
Recorded by		C Macadam & C Bennett				
	Category	Est. number*	Category	Est. number	Category	Est. number*
Caddisflies	Cased caddisfly	B	20			
	Caseless caddisfly	A	2			
	Mayfly (Ephemeroidea)	B	10			
	Blue-winged olive (Ephemeroidea)	B	20			
	Flat-bodied up-wings (Heptageniidae)	C	100			
	Olives (Baetidae)	A	4			
Stoneflies	Stoneflies	A	3			
Freshwater shrimp	Gammarus	A	8			
Notes	Hatches seen. River looking good.					

Note the category and estimate the numbers of each group from the sample, for example:
 If less than ten Cased caddis: enter Category A and estimate the number
 If between 10 and 100 Caseless caddis: enter Category B and estimate the number to the nearest 10
 If between 100 and 1000 Mayflies: enter Category C and estimate the number to the nearest 100
 If more than 1000 Olives: enter Category D and estimate the number to the nearest 1000
 Available on line at www.riverflies.org

Abundance	Category	Estimated number*
1-9	A	Quick count
10-99	B	Nearest 10
100-999	C	Nearest 100
over 1000	D	Nearest 1000

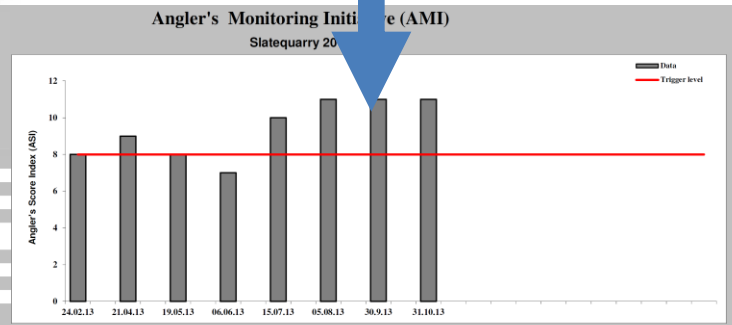
*Optional

Recording sheet

Trust OR
Statutory
Agency

The Riverfly Partnership

AMI Group
Ballinerry Riverfly Team
River: Rock River
Site volunteer name(s):
R Graham
Statutory body contact:
NIEA - Eileen Mallon
Site grid reference:



Trigger level: 8 - The trigger level is site specific and is set by the statutory body

Date	24.02.13	21.04.13	19.05.13	06.06.13	15.07.13	05.08.13	30.9.13
Category (A - D)	A	B	A	A	A	B	A
Estimated number*	6	12	9	5	10	13	15
Category (A - D)	A	A	A	A	A	B	A
Estimated number*	2	2	4	2	8	15	8
Category (A - D)	B	B	B	A	B	A	B
Estimated number*	15	17	20	6	15	5	10
Category (A - D)	B	B	B	A	B	B	B
Estimated number*	50	60	50	9	35	47	55
Category (A - D)	A	A	A	B	B	B	B
Estimated number*	4	6	7	15	30	40	40
Category (A - D)	A	A	A	A	B	B	B
Estimated number*	2	7	5	5	15	30	25
Total	8	9	8	7	10	11	11

Registered in England and Wales as a company limited by guarantee
 Company Registration No: 5136671 Charity Reg No: 1127272
 Registered/Head Office: Rain-Charms House, Kyl Cober Parc, Stoke Climsney, Devon PL28 8JL
 Telephone: +44 (0) 1579 372 142

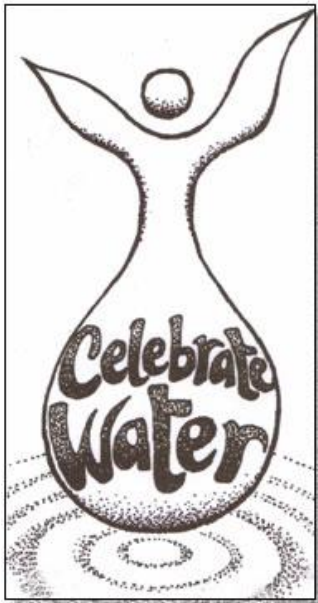


EDUCATION AND COMMUNITY ENGAGEMENT

Registered in England and Wales as a company limited by guarantee
Company Registration No: 5136671 Charity Registration No: 1107144
Registered/Head Office: Rain-Charm House, Kyl Cober Parc, Stoke Climsland, Callington, Cornwall PL17 8PH
Telephone: +44 (0) 1579 372 142



The great outdoors



The Frogs, the spawn and the pool!

You are invited to a . . .

Bredagh River World Café

Saturday 5th March 2016

Meet at the Tree
Moville Square
12 noon
or
Glencrow Hall
1pm - 2.30pm



In Feb 2013, the Moville community gathered to discuss the idea of re-opening the Bredagh River Walk.

Three years on, we invite the Moville community to gather again to see the work that has been achieved to date and think of more ideas for the Bredagh.

We will meet at the Tree in the Square @12 pm and walk part of the river path together (please wear appropriate footwear). We will then walk to the Glencrow Hall for lunch and a discussion. If you prefer, you can join us directly at Glencrow Hall @1pm.

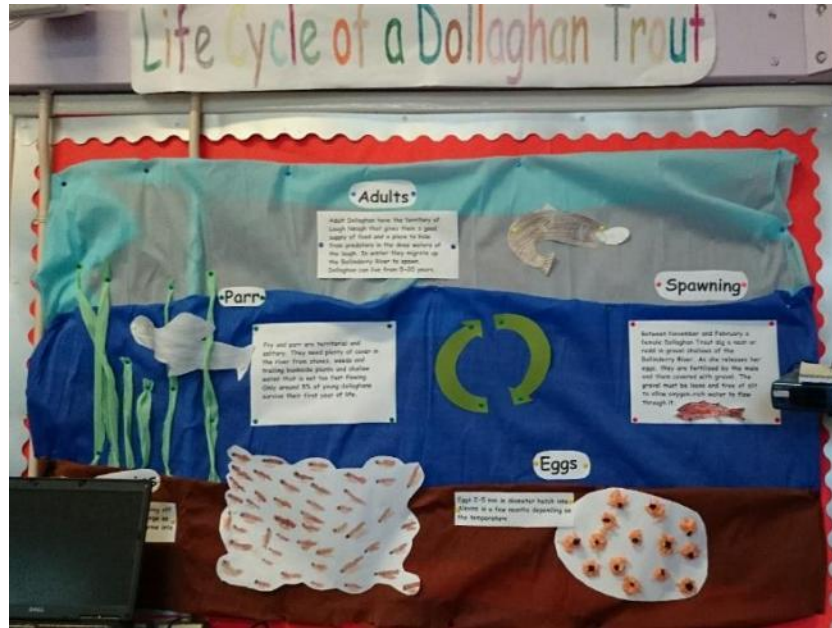
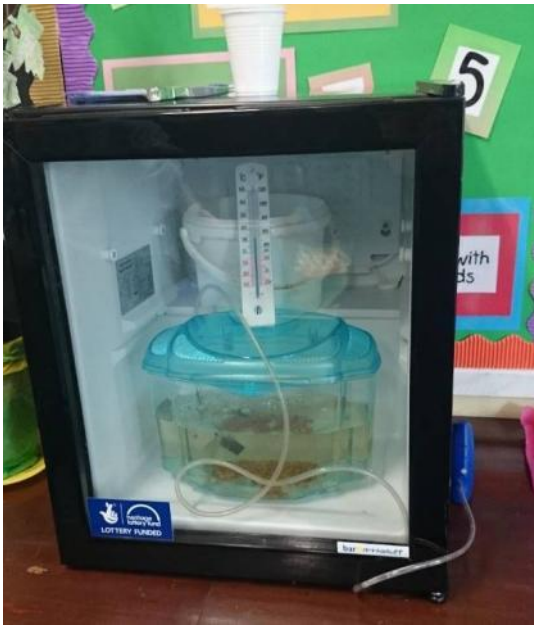
This is a free event and open to all.

To Find Out More Contact Mark 087 9153437 or Trish 087 6478183

www.celebratewaterinshown.com



Hatchery in the Classroom



How do we make all this happen?

- Formation of a trust creates a focus for activity
- Fundraising
 - Pursuing grant aid opportunities
 - Fund raiser events and membership
 - Corporate sponsorship
- Creating and supporting volunteer opportunities
- Providing training to the public
- Working in partnership with others to deliver common aims
- Working together



Training and Workshops

Development of Rivers Trusts in Ireland – Killyleagh 1st July 2016

River Restoration Project Planning and Delivery – Ballinderry
Rivers Trust 21st September 2016



Esmée
Fairbairn
FOUNDATION



Inter-trust projects

- Lough Neagh Landscape Partnership Programme
- Funding secured (£37,395 for RT from HLF)
 - Upskilling RT's around Lough Neagh
 - First Aid and River Safety
 - Small streams habitat assessment
 - Electrofishing (to assess fish stocks)
 - Fisheries Management Planning
 - Biological Water quality assessment
 - Invasive plant identification and control planning
 - Litter-less Lough
 - Reducing litter traveling down rivers into the Lough



International funding

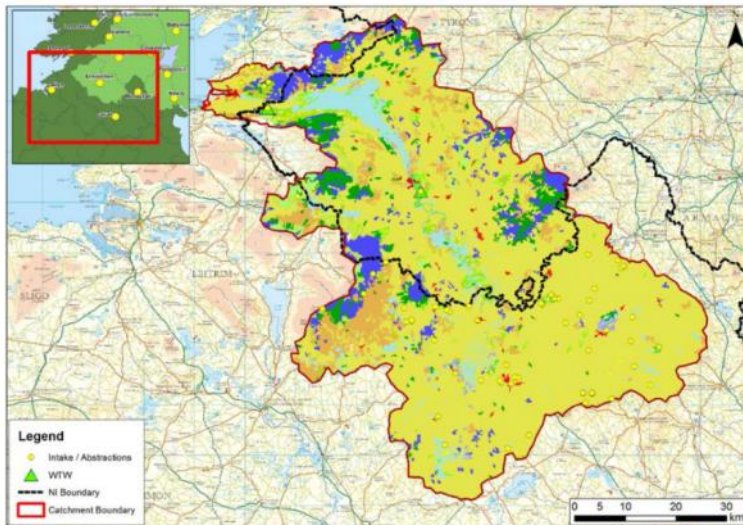
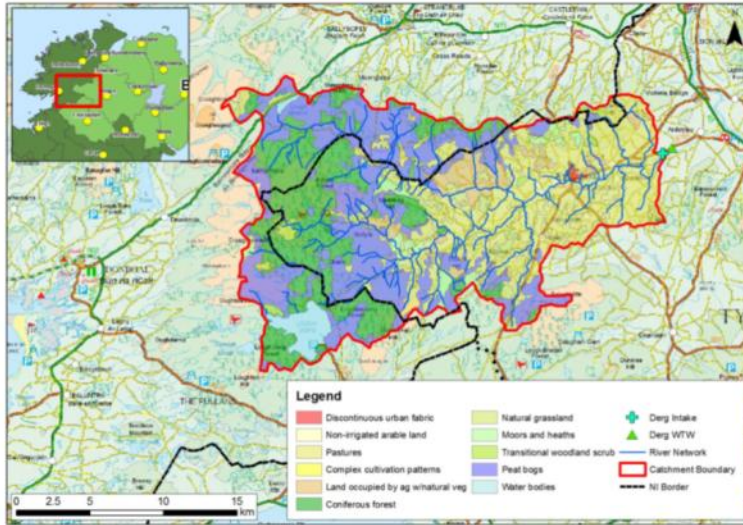


European Union
European Regional
Development Fund
Investing in your future

INTERREG VA Project



Source to Tap (proposed Interreg VA project)



- Derg catchment (369 km²) – County's Tyrone and Donegal,
- Erne catchment (2470km²), Co Donegal, Fermanagh, Tyrone, Leitrim, Cavan and Monaghan
- MCPA (pesticide)/colouration/turbidity problems – identified as a risk in Drinking Water Safety Plans
- Aim - to deliver a Sustainable Catchment Area Plan (SCAMP) to help secure safe drinking water sources and it will contribute to improvements in cross border raw water quality (WFD).
- Changing land use practices through demonstration, education and community engagement.
- Cross-border Land Incentive Scheme (€1.02m)
 - Over a 20 year period South West Water have assessed approximate savings of £65 in treatment costs for every £1 spent on Catchment Management.





www.theriverstrusts.org.uk

The Rivers Trust
c/o Ballinderry Rivers Trust
231a Orritor Road
Cookstown
Co. Tyrone
BT80 9NB
Northern Ireland

Tel (from UK): 028 867 61515
Tel (from Rol): 00 44 28 867 61515
E-mail: mark@theriverstrust.org

