

# CRIMP

## Clyde Riverfly Monitoring Partnership

Issue 1



### IN THIS ISSUE

Second Clyde Citizen Science Meeting – Caring for the Clyde a success!



marinescotland



Kick sampling licence in place...



Book onto a 2014 workshop today!

CRIMP IS A CITIZEN SCIENCE PROJECT THAT AIMS TO PROVIDE TRAINING IN RIVERFLY MONITORING TO VOLUNTEERS ACROSS THE EIGHT COUNTIES OF THE RIVER CLYDE CATCHMENT

## CRIMP's First Year

By Lesley Deans, CRIMP coordinator

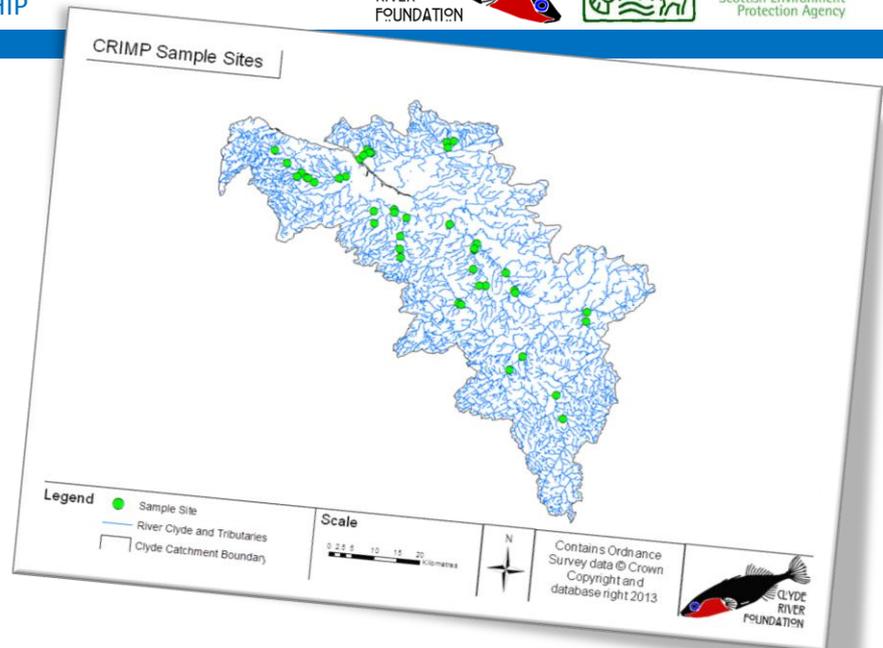
Riverfly monitoring can help protect the quality of our rivers; increase our knowledge and understanding of invertebrate populations and promote the conservation of their habitats. Volunteer involvement is important to the development of this project and will allow us to assess the sustainability and practical benefits of using the method on a large scale.

CRIMP provides another tool to inform management of the fishery and freshwater ecosystem. CRIMP involves the Clyde River Foundation (CRF) coordinating monthly river health checks undertaken by specially trained volunteers.

In 2014, we will deliver training workshops in riverfly monitoring, followed by a half day site selection and sampling "run through" day with each monitoring group. From there, volunteers monitor their given sites monthly and report their results to the CRF. The CRF collate and check results, and report back every three months to contributing monitoring groups, with a facility for more rapid communication with the Scottish Environment Protection Agency (SEPA) if pollution is detected.

# The story so far

The Clyde River Foundation delivered six training workshops across the River Clyde catchment in 2013. Three workshops were brought forward from 2014 following discussion with project supporters Scottish Natural Heritage. A total of 67 monitors from 14 different organisations were trained in Riverfly Monitoring.



- ✈ Abercorn Angling Club
- ✈ Avon Angling Club
- ✈ Bridge of Weir Angling Club
- ✈ Busby Angling Club
- ✈ Caurnie Angling Club
- ✈ Dalmuir Park
- ✈ Dams to Darnley Country Park
- ✈ Douglas Water Angling Club
- ✈ Lamington and District Angling Improvement Association
- ✈ River Kelvin Angling Association
- ✈ Strathgryfe Angling Club
- ✈ Upper Avon Angling Association
- ✈ Walton Angling Club



## WORKSHOPS

All workshops were delivered by accredited trainers Lesley Deans and Caroline McGillivray (Clyde River Foundation) and covered volunteer health and safety, training in the riverfly monitoring technique and riverfly indicator groups.



# Run - through days

Each club had a follow up session to the workshop in which volunteers were shown their sampling sites, received their sampling kits (one per pair) and practiced their sampling, identification and field recording.



Sam Gibson, Dalmuir Park, kick sampling on the Duntocher Burn

Cairnie Angling club were very interested to monitor the water quality of the burn feeding their fishery at Antermony Loch



A completed field recording sheet from the White Cart at Holehouse Ford

Category	Month 1		Month 2	
	Est. number	Est. number	Est. number	Est. number
Caddisflies	20	10	10	10
Stoneflies	20	10	10	10
Mayfly	20	10	10	10
Blue-winged olive	20	10	10	10
Red-tailed spinners	20	10	10	10
Chironomids	20	10	10	10
Blackflies	20	10	10	10
Freshwater shrimp	20	10	10	10

Keen anglers from UCAPA Ltd check out their first sample just downstream of Crossford Bridge.



# 'Caring for the Clyde'

Thanks to everyone who came along to **Caring for the Clyde** on Saturday 8th March. The event was well attended by a total of 51 delegates representing 18 organisations. The Clyde River Foundation's Lesley Deans presented an overview of the Clyde Riverfly Monitoring Partnership (CRIMP) and outlined the way forward for the project, including the announcement of training availability for 2014.

We were happy to welcome representatives from six secondary schools across the Clyde catchment, who came along to find out more about our new project in development, '**Clyde Living Lab**'.



...coming soon

## Guest Speakers

Special thanks go to **Thames 21's Theo Thomas** and the **Wear Rivers Trust's Lizzie Willows**, both of whom delivered insightful and inspirational talks about their work with people and rivers.

## IN OTHER NEWS...

**Marine Scotland** has licenced those trained in riverfly monitoring to kick sample in areas where Atlantic salmon are found. It is illegal to disturb salmon redds, therefore strict guidelines and advice will allow 'CRIMPers' to monitor over the winter period provided they can identify and avoid salmon redds. A copy of the licence will be sent to all those who have registered their sample sites and associated personnel.

# New online data repository launched

SEPA have developed a new online data repository that can be accessed through the CRIMP webpage. The handy new tool allows you to enter results instantly on the riverbank using a smart phone. What's more data from any site across the Clyde catchment can be viewed.

## Clyde Catchment Riverfly Data

Choose a site:

Antermomy Loch inflow, u/s Ar

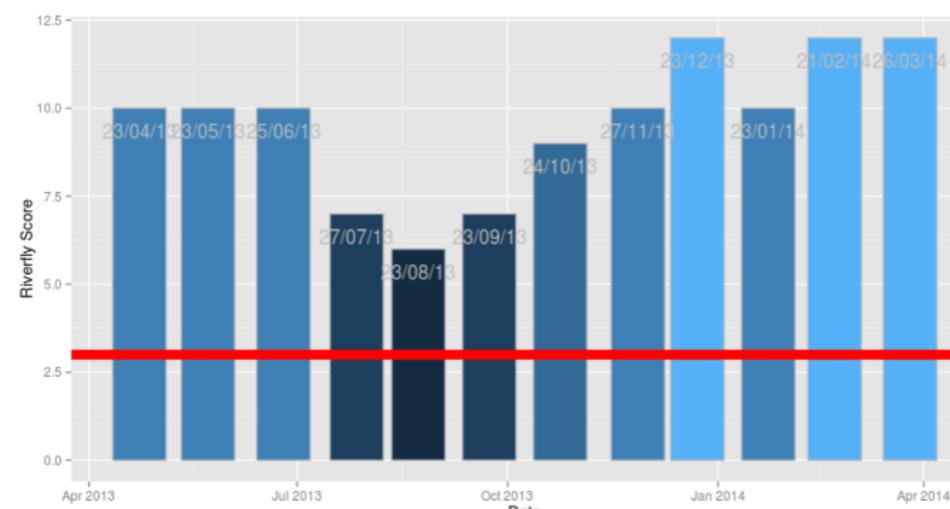
Powered by Leaflet — Map data OpenStreetMap contributors, Imagery MapBox

[Improve the map and view in more detail here](#)  
[Report issues or view the code for this site on Github](#)

All data is creative commons zero - Clyde Catchment Riverfly contributors

Site Results **All Results**

### Antermomy Loch inflow, u/s Antermomy Loch



Monthly riverfly data recorded at Antermomy Loch inflow showing a seasonal dip and the suggested trigger level line in red

#### Riverfly survey upload form

Welcome to the Riverfly survey form page

**\*Required**

**Please select your sampling site from the list below \***  
 You can only select one site per form you submit. You must complete one survey form per sample site

Survey date \*  
 Please enter the date on which your survey took place  
 dd/mm/yyyy

**Please enter numbers for each group below e.g 1,4,56 (not log letters e.g. A,B,C)**

The numbers you enter for each group should be as accurate as possible allowing for the difficulties of counting in the field

**Number of Cased caddis \***  
 Enter 0 if no Cased caddis recorded

**Number of Caseless Caddis \***  
 Enter 0 if no Caseless Caddis recorded

**Number of Mayfly \***

*The new online repository data entry form*

## Join the Clyde Riverfly Monitoring Partnership

If you would like to be involved in riverfly monitoring on the Clyde, sign up to one of our next training workshops.

Places are limited.

Dates available are:

Saturday 3<sup>rd</sup> May 2014

Saturday 10<sup>th</sup> May 2014

Contact the **Clyde River Foundation** to request a booking form.

## Contact us



☎ 0141 330 5080

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🌐 [www.clyderiverfoundation.org/crimp/](http://www.clyderiverfoundation.org/crimp/)

🐦 @ClydeRF

📘 [www.facebook.com/ClydeRiverFoundation](https://www.facebook.com/ClydeRiverFoundation)

✉ Clyde River Foundation  
 Graham Kerr building  
 University of Glasgow  
 G12 8QQ

## Spot a pollution incident?



If you identify a trigger level breach, repeat the CRIMP methodology. If the trigger level breach is confirmed contact the SEPA ecology contact and the Clyde River Foundation. If out of working hours contact the statutory body emergency hotline. SEPA's pollution hotline service can be contacted on the number below.

**SEPA's Pollution Hotline -**  
**0800 80 70 60**