

















Tony Bostock MBE, FIFM, CENV,

Riverily Partnership Tutor & Cotswold Hub Co-Ordinator arwbostock@btinternet.com

Rivers & Wetlands Community Days 2022



13th March 2023









RWCD 2022

Fund Equipment Purchases

Run Two Riverfly Workshops

Organise an end of Project Conference









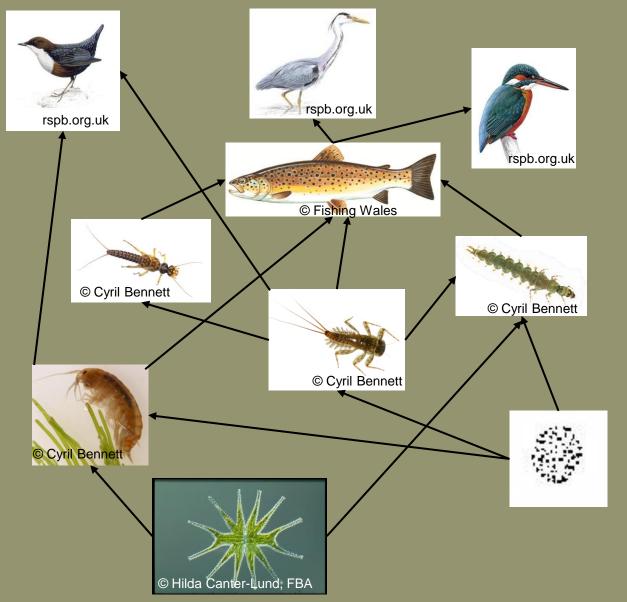
What does Monitoring Riverfly do?

- Highlights severe changes in water quality
- Enables an informed dialogue with agency
- Acts as a deterrent
- Leads to long term dataset
- Helps ensure good ecological status



Why monitor riverflies?





- The 'canary' of our rivers
- Good indicators of water quality – sensitive to pollution
- Relatively long lived & present throughout the year
- Tend to stay in the same area
- Lower end of the food chain



Citizen Science – Riverfly Monitoring











- Trained over 880 riverfly monitors since 2008. (300 in the Cotswolds).
- Cotswold Hub has 62 registered sites on 20 different rivers and streams.





Moving to Species level monitoring,
 & water increased quality sampling.







































Volunteers & Community Groups









Challenging the Government's Sewage plan

WildFish argues that the Plan is unlawful.

The Plan approves continuing unlawful Discharges & conduct.

Fails to consider the existing law.

Breaches the Habitats Regulations.

WildFish's claim will be heard in conjunction with a similar claim by the Marine Conservation Society.



crowdjustice

For Lawyers

Need funding?

Menu

Stop water companies from polluting our rivers with raw sewage

by WildFish



10

days to go

£20,900

pledged of £25,000 stretch target from 708 pledges

Environment United Kingdom



WildFish

We campaign to protect wild fish and their waters. Grounded in science and the law, our goal is fresh and coastal waters that are clean, healthy and full of life.

Pledge now

This case is raising funds for its stretch target. Your pledge will be collected within the next 24-48 hours (and it only takes two minutes to pledge!)



























We Treat Soil Like Dirt!

- 30% of the UK 's topsoil lost in the last 40 years.
- Rate of loss increased by 300% in last 30 years.
- 2.2m tonnes of topsoil deposited in our rivers every year.
- Loss to replenishment ratio 14 to 1 in Europe.
- 44% of arable land is at risk of water erosion
- 2006 Guidance to DEFRA value of loss of soil by erosion £264m/year across the UK
- The UK's top soil could be lost within 6 decades!
- February 2023 -Still await the draft Soil Health Action Plan.







Windrush Roach Project











Summer 1995





Summer 2022



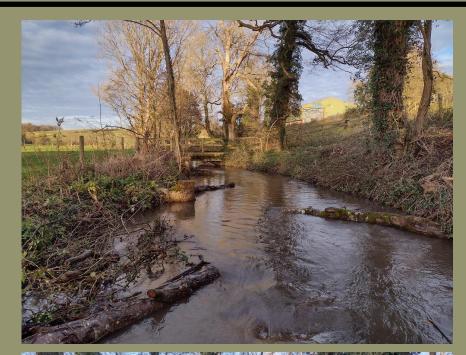


















Benefits of Rivers Trust work

- Reduced erosion and soil Loss
- Habitat improvement
- Increase in biodiversity
- Promoting best practice in agriculture and land management
- Reducing flood risk
- Water quality Improvements
- Improving fish passage
- Education



























