

A symposium organised by the Freshwater Biological Association, Ambleside, UK
Held at **Lancaster Conference Centre, Lancaster University, LA1 4YW**
3rd – 4th October 2018 with optional field visits on Friday 5th October 2018



Day 1	Wednesday 3rd October 2018
09:00	Registration
09:30	Welcome, Introduction, house-keeping: Ceri Gibson (FBA, UK)
Session 1	The need for River Restoration for Freshwater Pearl Mussels
09:45	The role of statutory protection in pearl mussel conservation: Gavin Measures (Natural England, UK)
10:05	Current status and threats in UK, progress from the Pearls in Peril project: Iain Sime (SNH, UK)
10:25	Current status and threats in continental Europe: Manuel Lopes-Lima (CIMAR, Portugal)
10:45	The road to reintroduction and the need for river restoration: Dr Roger Sweeting (FBA, UK)
11:15	Discussion
11:30	Refreshments
Session 2	Augmentation approaches; pros and cons
11:45	Short-term breeding trial in Devon: Izzy Moser (Devon Wildlife Trust, UK)
12:05	Captive rearing in Luxembourg: Frankie Thielen (Natur & Umwelt Foundation, Luxembourg)
12:25	Lessons from America; report on the Fulbright scholarship Louise Lavictoire (Natural England, UK)
12:45	Discussion
13:00	Lunch
Session 3	River Restoration for Freshwater Pearl Mussels
14:00	What ecological requirements do pearl mussels have? Lennart Henrikson (Nature och Man Ltd., Sweden)
14:20	Catchment management for Freshwater Pearl Mussels: Evelyn Moorkens (Trinity College, Dublin, Ireland)
14:40	Case study for delivering river restoration for FPM rivers: Mike West (South Cumbria Rivers Trust, UK)
15:00	Discussion
15:15	Refreshments

Session 4	Involving others: local community participation
15:30	Appreciating FPM and long-term solutions; achievements within the RFMRiE project: Ceri Gibson (FBA,UK)
16:00	Tools of engagement; 'Salmon in the Classroom and 'Mussel Power': Simon Hirst & volunteer (North York Moors National Park, UK)
16:20	Making it work within a farm business: Chris West (West Cumbria Rivers Trust, UK)
16:40	Discussion
16:55 – 17:15	Sum up and arrangements for evening Roger Sweeting, (FBA,UK)
19:30	Dinner

The dinner will take place at Lancaster Conference Centre, Lancaster University
(Cost £30)

Restoring Freshwater Mussel Rivers in England

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Day 2	Thursday 4th October 2018		
(09:00)	(Registration)		
Session 5	Monitoring, Survey and Assessment		
09:30	A standard European approach for survey and monitoring: Phil Boon (FBA, UK)		
10:00	Some success in identifying reintroduction sites using Redox: Sue Hearn (Natural Resources Wales, UK)		
10:20	Electrofishing as a tool for detecting pearl mussels: Jouni Taskinen (University of Jyväskylä, Finland)		
10:40	discussion		
10:50	Refreshments		
Session 6	What next?		
11:10	Using eDNA for freshwater pearl mussel monitoring: Bernhard Stöckle (Technical University of Munich, Germany)		
11:40	Single species conservation: right or wrong – wider benefits? Juergen Geist (Technical University of Munich, Germany)		
12:00	The need for European collaboration: Mark Horton (Ballinderry Rivers Trust and the Rivers Trust, Ireland)		
12:20	Discussion and declarations of intent...		
13:00	Lunch		
13:30	A Further discussion Room available until 17:00	B Tour of FBA Ark Coach transfer	C Dubbs Beck Field Trip Coach transfer

Day 3	Friday 5th October 2018	
	Field Visits	
09:30	Tour of FBA Ark Coach transfer	Dubbs Beck Field Trip Coach transfer