

Potential hosts for STSM applicants

Freshwater mussel rearing facility at the Mill of Kalborn in Luxembourg

In the year 2007 the old mill of Kalborn, directly located at the river Our, was renovated and transformed into a rearing facility for freshwater mussels. Since then a lot of experience was gained on how to culture the highly endangered freshwater pearl mussel (*Margaritifera margaritifera*) and the thick shelled river mussel (*Unio crassus*). Both species are currently cultured at the facility for the Eifel-Ardennes region from Belgium, Germany and Luxembourg. The staff at the mill of Kalborn consists of Karin (Mussel technician), Michel (Fish & Mussel technician), Sonja (Water chemistry) and Frankie (Ecology, Fish parasitology, Fish & Mussel biology). A stay at the mill during the STSM is possible.

Potential topics:

- Mussel search, collecting glochidia & host fish infestation
- Host fish husbandry
- Collecting & feeding juvenile mussels in different holding systems
- Measuring food concentrations using a coulter counter
- Semi natural outdoor caging systems
- Tagging, releasing and monitoring mussels
- Water chemistry



Contact: f.thielen@naturemwelt.lu