

INTERREG (Austria – Czech Republic) project "Malsemuschel":

Support of the natural environment of the freshwater pearl mussel (*Margaritifera margaritifera*) and its occurrence in the upper Malše River catchment (Austria / Czech Republic)

Jitka Horáčková^{1,2}, Věra Kladivová¹, Ondřej P. Simon^{1,2}, Zuzana Hořická¹, and others*

¹ T. G. Masaryk Water Research Institute, Podbabská 30, CZ-160 00 Prague 6, Czech Republic, jitka.horackova@vuv.cz, vera.kladivova@vuv.cz, ondrej.simon@vuv.cz, zuzana.horicka@vuv.cz;

² Faculty of Environmental Sciences, Czech University of Life Sciences Prague, Kamýcká 129, CZ-165 21 Prague 6, Czech Republic



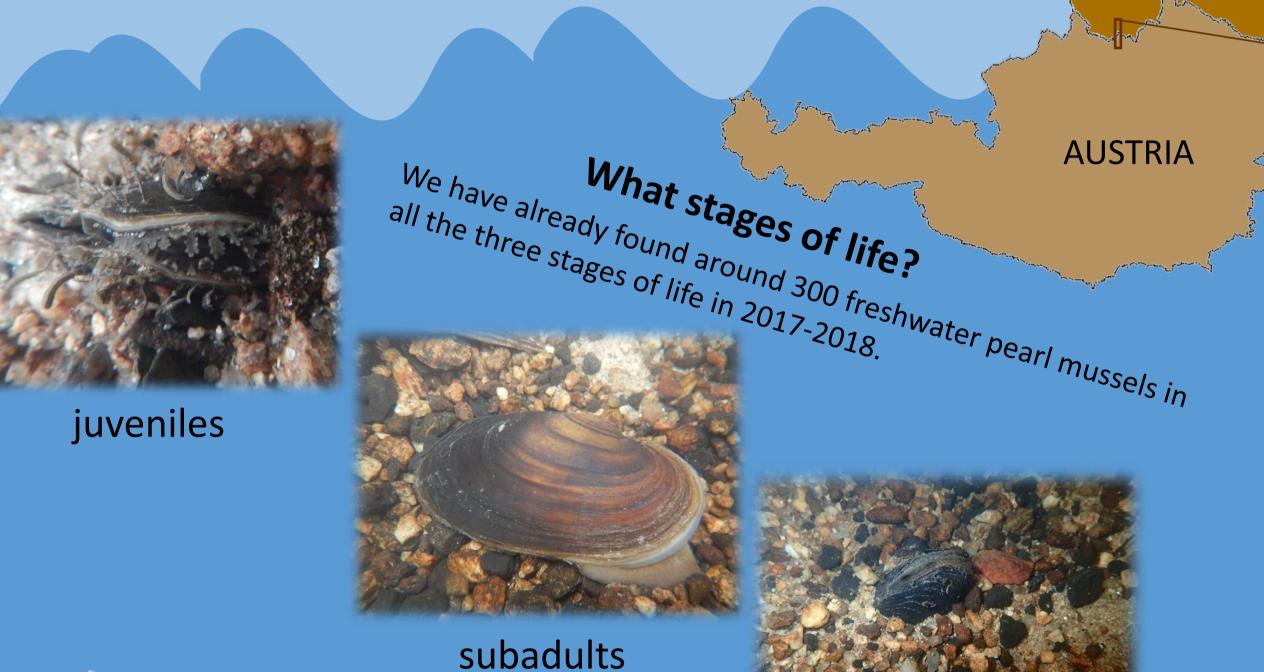
Why?

It had been known that the critically endangered freshwater pearl mussel (*Margaritifera margaritifera*) still occurs somewhere in the upper parts of the Malše River in South Bohemia, on the border between the Czech Republic and Austria. The fact that the Malše forms a state border here was hampering a detailed biological survey for a long time, and thus the knowledge about the pearl mussel population and its condition has been incomplete. For that reason, an Austrian-Czech INTERREG project was started in 2017 to enhance and support the freshwater pearl mussel population in the upper Malše River catchment.

When and what?

The main objectives of the project (2017–2020) are:

- (i) to find out the recent state of the pearl mussel population,
- (ii) to strengthen the population by reintroduction of indigenous semi-naturally bred juveniles into the river,
- (iii) to describe the reasons why the species can not reproduce here,
- (iv) to prepare materials for improving the water quality and reducing erosion throughout the international river basin, in cooperation with Austrian project partners.



What can the project help us with?

Semi-natural breeding of freshwater pearl mussel juveniles

Reintroduction of juveniles into the upper Malse River

In-situ bioindication — testing sites suitable testing reintroduction for reintroduction

Genetic study of pearl mussel
and its natural fish host
brown trout (salmo trutta)

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Identification of problems with:

evaluation

inappropriate practices in the river basin for improvement of conditions

Identification

erosion

inappropriate practices

in the river basin

for improvement of conditions

CZECH REPUBLIC

Where?

INTERREG ATCZ37 Malsemuschel (2017–2021)

Podpora přirozeného prostředí a výskytu perlorodky říční (*Margaritifera margaritifera*) v povodí Malše / Förderung der natürlichen Umwelt und des Vorkommens der Flussperlmuschel (*Margaritifera margaritifera*) im Maltsch-Einzugsgebiet.

* Project partners: Ministry of the Environment of the Czech Republic; Amt der Oberösterreichischen Landesregierung; Nature Conservation Agency of the Czech Republic; South Bohemia Region













