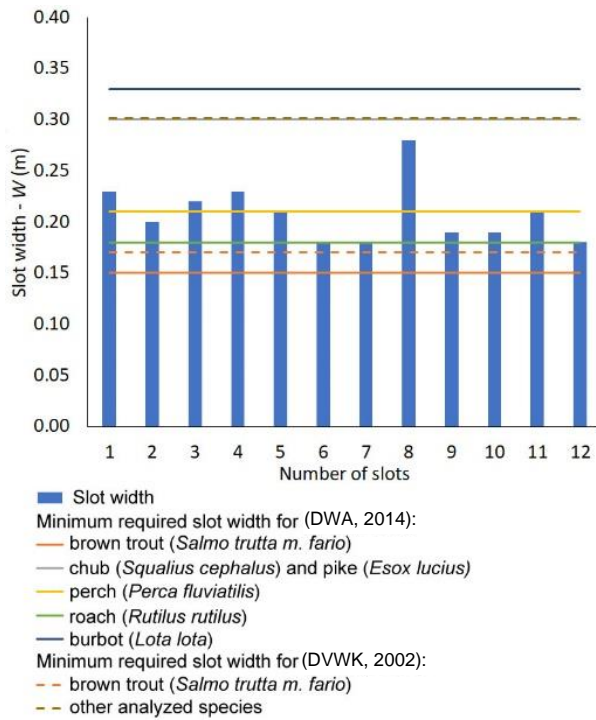


## SUPPLEMENTARY MATERIAL

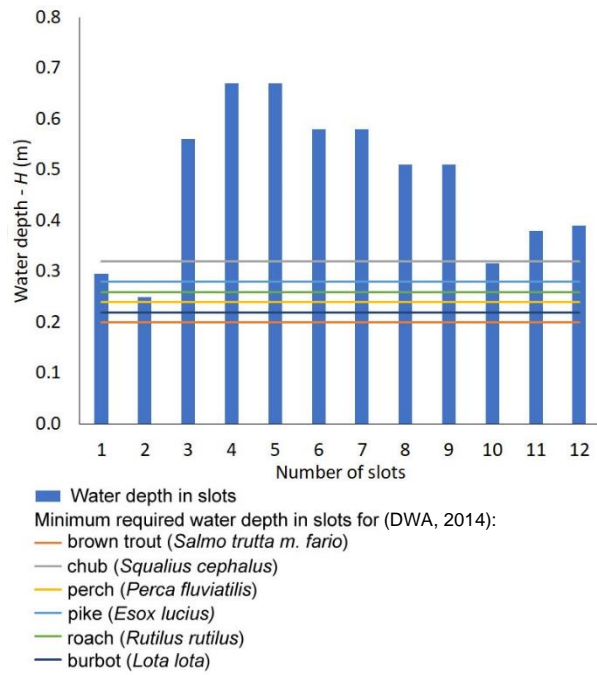
### Assessment of migration conditions for fish swimming through a semi-natural fish pass on the Nidzica River in Bronocice

Karol K. Plesiński<sup>1)</sup> ✉ , Janusz M. Filipczyk<sup>1), 2)</sup> , Michał M. Bień<sup>1), 3)</sup> ,  
Mustafa Karadağ<sup>4)</sup>

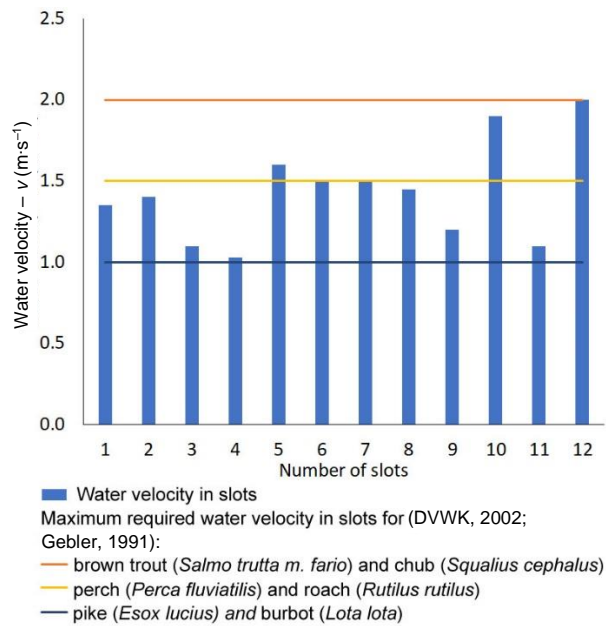
- <sup>1)</sup> University of Agriculture in Krakow, Faculty of Environmental Engineering and Land Surveying, Kraków, Poland  
<sup>2)</sup> PBW inżynieria Sp. z o.o., Wrocław, Poland  
<sup>3)</sup> Kielce District of Polish Angling Association, Kielce, Poland  
<sup>4)</sup> Istanbul University, Faculty of Aquatic Science, Istanbul, Turkey



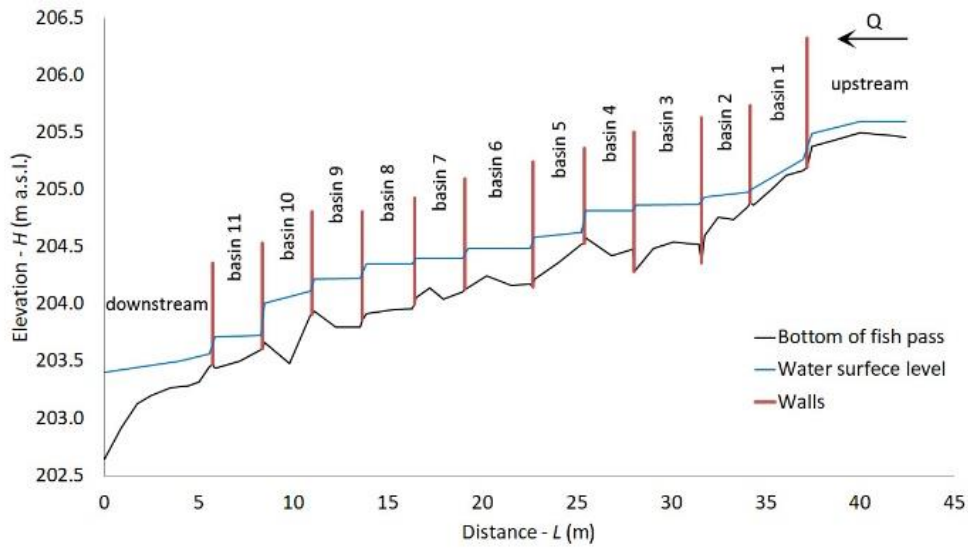
**Fig. S1.** Slot width; source: own study



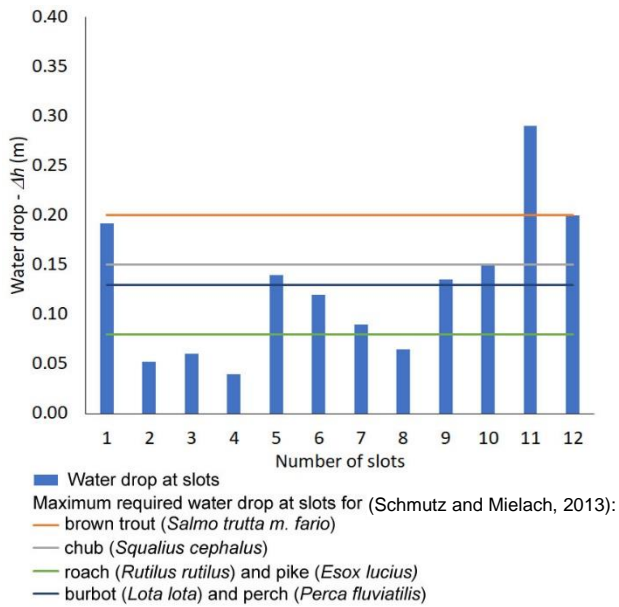
**Fig. S2.** Water depth in slots; source: own study



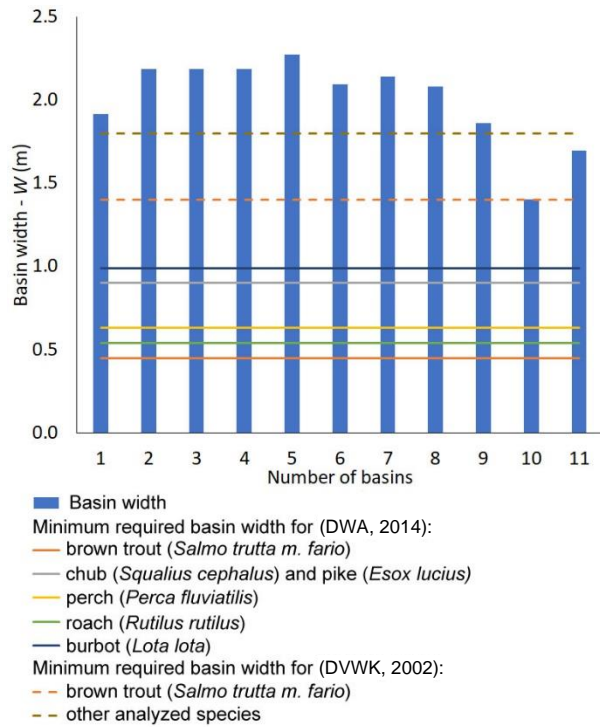
**Fig. S3.** Water velocity in slots; source: own study



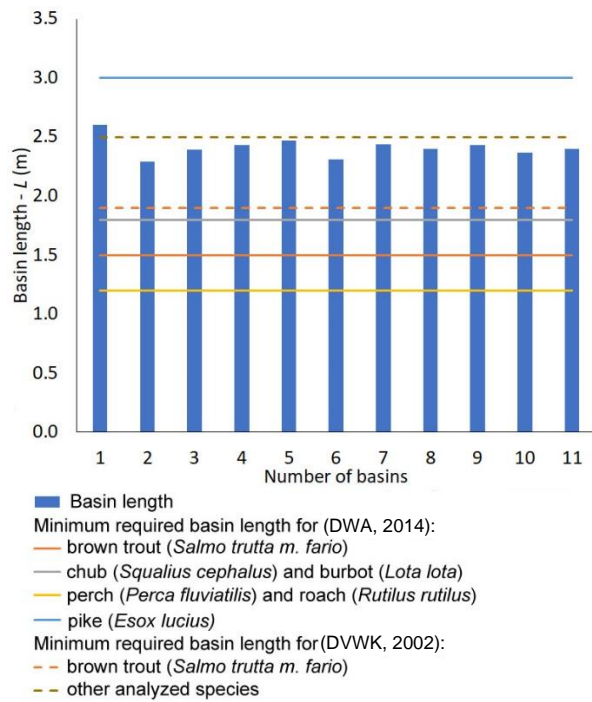
**Fig. S4.** The level of the water surface in the fish pass; source: own study



**Fig. S5.** Water drop between two adjacent basins; source: own study



**Fig. S6.** Basin width; source: own study



**Fig. S7.** Basin length; source: own study

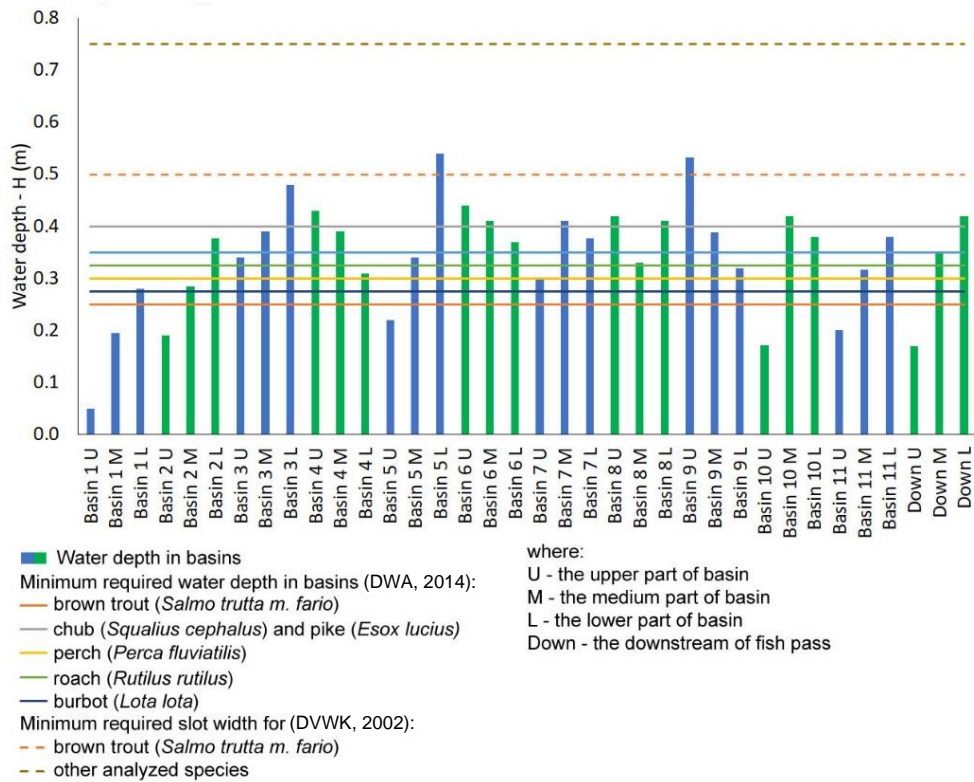


Fig. S8. Water depth in basins; source: own study

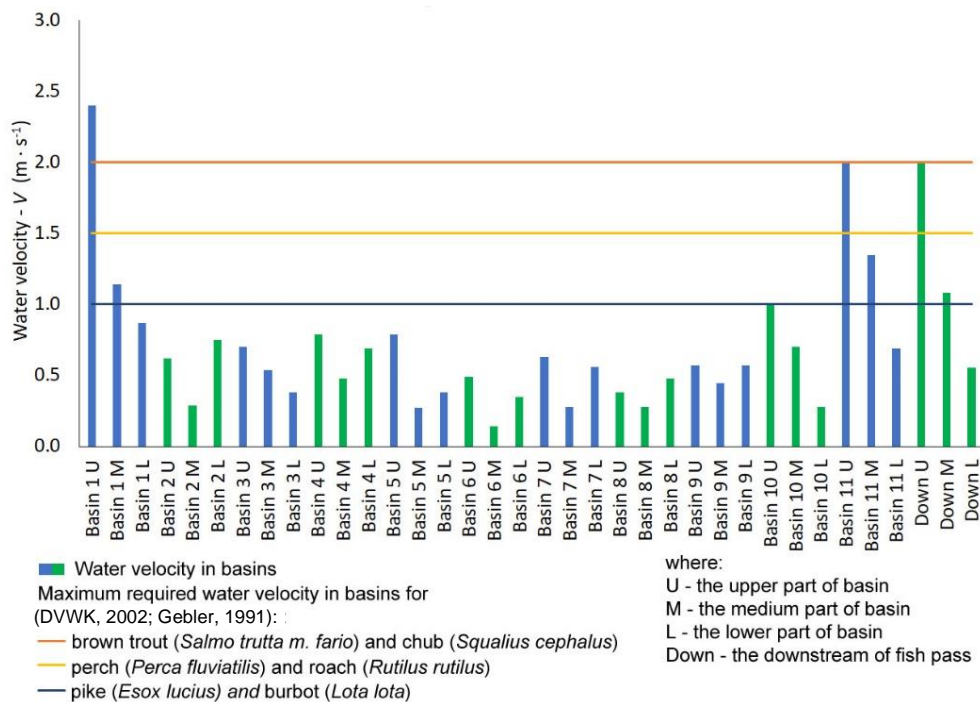
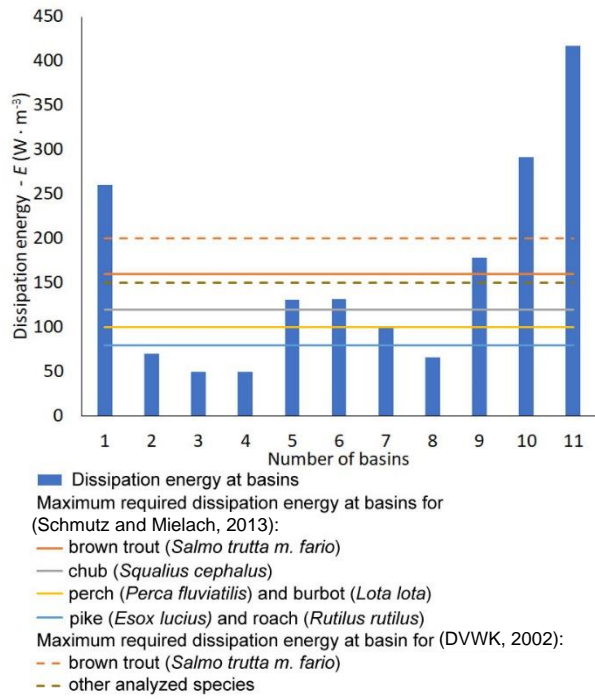
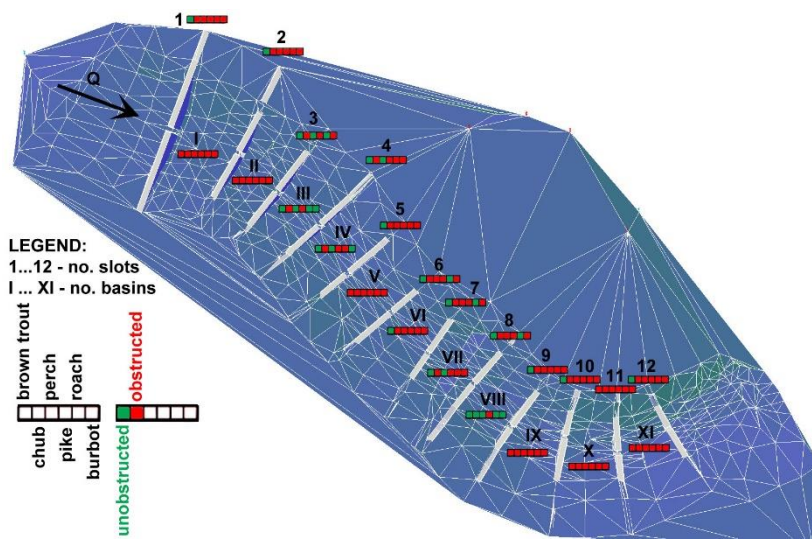


Fig. S9. Water velocity in basins; source: own study



**Fig. S10.** Energy dissipation in basins; source: own study



**Fig. S11.** Permeability of individual elements of the fish pass; source: own study