

## Online Resource 1

### Article Title:

Fish size selection and spatio-temporal variation in diet composition of Eurasian otters (*Lutra lutra*) in salmonid streams: picky gourmets rather than opportunists?

### Journal Name:

Knowledge and Management of Aquatic Ecosystems

### Authors:

Sittenthaler M<sup>1,2\*</sup>, Koskoff L, Pinter K, Nopp-Mayr U, Parz-Gollner R, Hackländer K

### Corresponding Author:

Marcia Sittenthaler

<sup>1</sup> Institute of Wildlife Biology and Game Management, Department of Integrative Biology and Biodiversity Research, University of Natural Resources and Life Sciences, Vienna, Gregor-Mendel Str. 33, 1180 Vienna, Austria

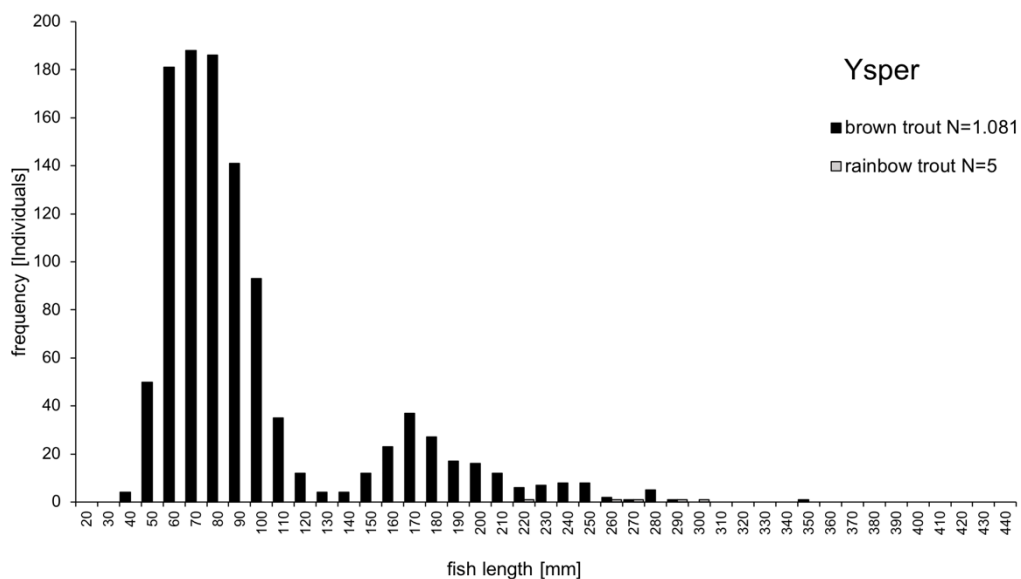
<sup>2</sup> Central Research Laboratories, Natural History Museum Vienna, Burgring 7, 1010 Vienna, Austria

\* marcia.sittenthaler@boku.ac.at, marcia.sittenthaler@nhm-wien.ac.at

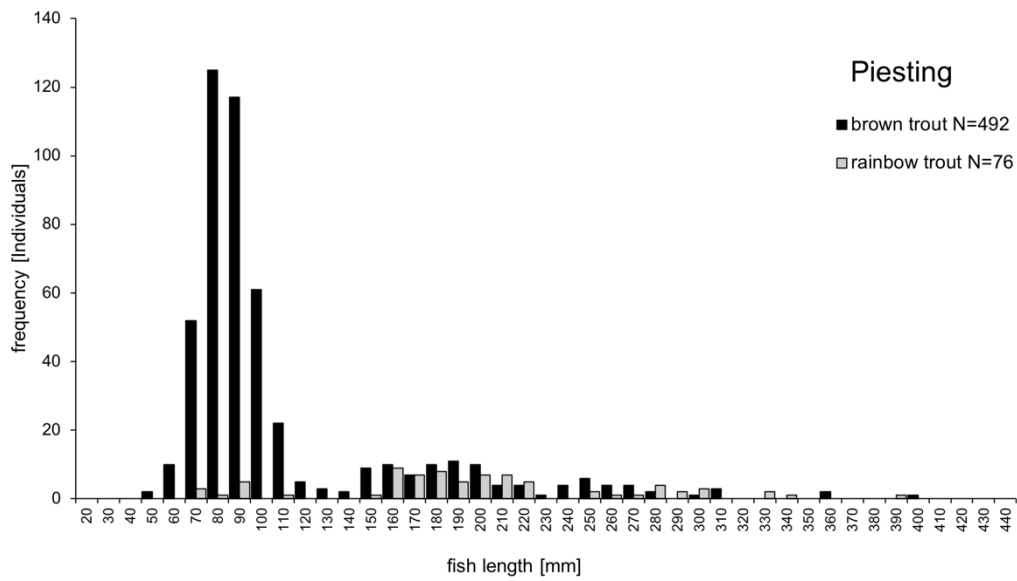
**Table S1** Species and site specific length-weight regression formulae ( $L_T$ = total fish length in mm,  $W$ =weight in g) for biomass intake calculations

fish species	substrate	regression formula*
salmonids	crystalline	$W = 7.970 \times 10^{-6} \times L_T^{3.038}$
salmonids	limestone	$W = 9.965 \times 10^{-6} \times L_T^{2.994}$
bullhead	crystalline & limestone	$W = 7.000 \times 10^{-6} \times L_T^{3.036}$
grayling	limestone	$W = 7.200 \times 10^{-6} \times L_T^{3.046}$

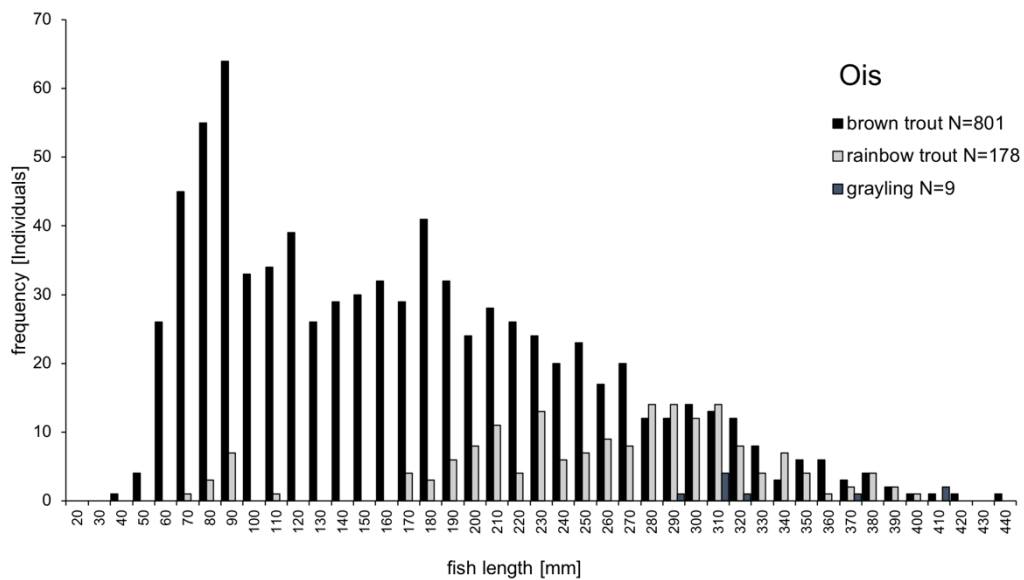
\* Institute of Hydrobiology and Aquatic Ecosystem Management, unpublished data



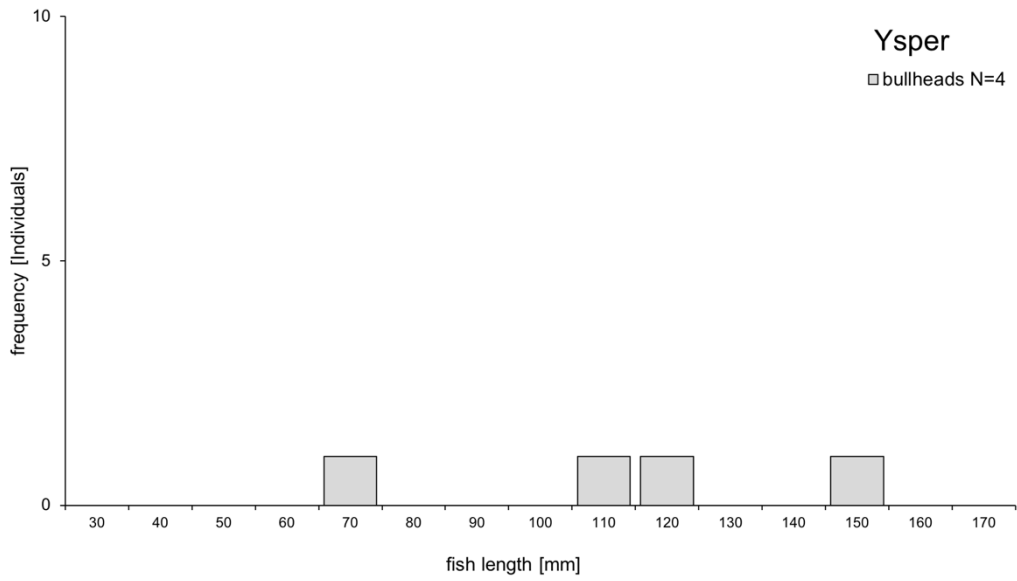
**Fig. S1** Length-frequency diagram of salmonid fish (brown trout and rainbow trout) in River Ysper based on electrofishing data



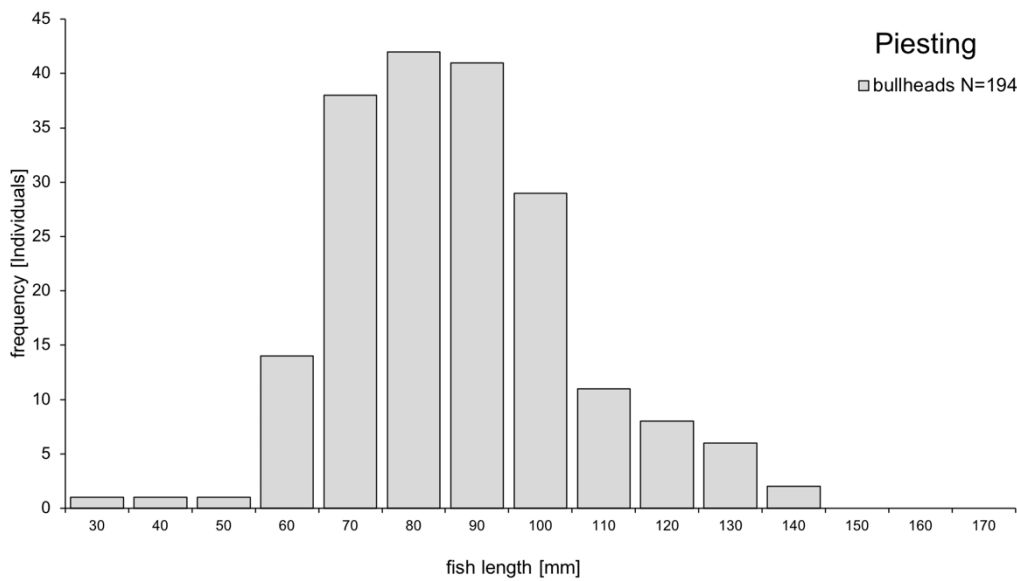
**Fig. S2** Length-frequency diagram of salmonid fish (brown trout and rainbow trout) in River *Piesting* based on electrofishing data



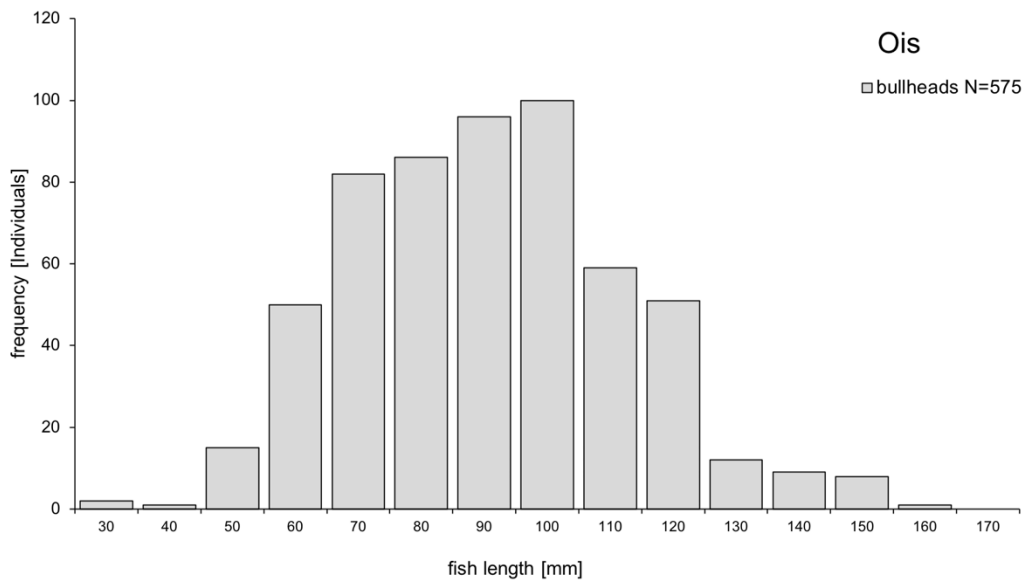
**Fig. S3** Length-frequency diagram of salmonid fish (brown trout and rainbow trout) and grayling in River *Ois* based on electrofishing data



**Fig. S4** Length-frequency diagram of bullheads in River *Ysper* based on electrofishing data



**Fig. S5** Length-frequency diagram of bullheads in River *Piesting* based on electrofishing data



**Fig. S6** Length-frequency diagram of bullheads in River *Ois* based on electrofishing data