



**Confidential**

### **Supervisor's Review of USB RIFCH PhD Thesis**

Surname of the PhD student: Šebesta	Name of supervisor: Dipl.-Ing. Vlastimil Stejskal, Ph.D.
Title of PhD thesis: Selected aspects of intensively cultured European whitefish ( <i>Coregonus maraena</i> , Bloch) and peled ( <i>Coregonus peled</i> , Gmelin)	

#### OVERALL COMMENTARY ON THE PhD THESIS

Field of intensive culture of peled and maraena whitefish in recirculating aquaculture systems with special regard to rearing of larvae and juveniles belongs to kind of research which is recently developed at Institute of Aquaculture and Protection of Waters in České Budějovice.

Dipl.-Ing Roman Šebesta started to study Ph.D. level in October 2014. Aims of his work were to elaborate literary background of research focused on whitefish intensive culture as well as, to perform trials focused on particular aspects of intensive whitefish culture based on recent knowledge. It is possible to characterize him as hardworking, emphasis and purposeful student. He has shown observation talent and considerable manual laboratory skills during realization of experiments. He improved in use of statistical method and active English language (FCE) during Ph.D. study.

In terms of working-ships he worked at University of Warmia and Mazury in Olsztyn, Department of Lake and River Fisheries, Olsztyn, Poland. (prof. Dariusz Kucharczyk, 3 months, effect of temperature, stocking density and feeding strategy on growth and survival of maraena whitefish *Coregonus maraena* (Bloch 1779) larvae.

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Ph.D. thesis presented for defense is consisted from seven scientific publications. These parts are supplemented by introductory and final comments (discussion). Author included to his Ph.D. thesis experiments focused on effects of water temperature and light intensity on early ontogeny of whitefish. These effects were tested with emphasis to survival rate, developmental rate, yolk utilization efficiency and body size.

Activities of Dipl.-Ing Roman Šebesta mentioned above demonstrated his ability to fully orientate in investigation of problems, formulate scientific hypotheses, prepare, realize and evaluate experiments, as well as write scientific publications with IF. Results in terms of Ph.D.



thesis (see above) were published in scientific papers with corresponding impact factor. Except that, his results were presented on two scientific international conferences in abroad, one national conference and on Ph.D. seminars at the faculty. Dipl.-Ing Roman Šebesta executed specified exams in planned term and realized all others requirements according to the faculty rules for Ph.D study. All presumptions were accomplished for correct finalization of Ph.D. study assessed by internal regulations of FFPW.

Therefore, I can recommend presented Ph.D. thesis „Selected aspects of intensively cultured European whitefish (*Coregonus maraena*, Bloch) and peled (*Coregonus peled*, Gmelin)" for defense with pleasure.

### FINAL RECOMMENDATION

- can be recommended for defence of PhD Thesis  
 can be recommended with reservations for defence of PhD Thesis  
 can not be recommended for defence of PhD Thesis

24.07.2018 Č. Budějovice

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Date and place

Stejskal.....  
surname and signature