

CONTENT

CHAPTER 1 7

General introduction

CHAPTER 2 37

Susceptibility of stone loach (*Barbatula barbatula*), and hybrids between sterlet (*Acipenser ruthenus*) and beluga (*Huso huso*) to cyprinid herpesvirus-3

CHAPTER 3 47

Susceptibility of the topmouth gudgeon (*Pseudorasbora parva*) to CyHV-3 under no-stress and stress conditions

CHAPTER 4 61

General discussion 63

English summary 75

Czech summary 77

Acknowledgements 79

List of publications 80

Training and supervision plan during study 82

Curriculum vitae 83