CONTENT

genetic parameters

CHAPTER 1	7
General introduction	
CHAPTER 2	29
The role of energy reserves in comm	non carp performance inferred from phenotypic and

CHAPTER 3 43

The genetics of overwintering performance in two-year old common carp and its relation to performance until market size

CHAPTER 4 63

Genetic relationship between koi herpesvirus disease resistance and production traits inferred from sibling performance in Amur mirror carp

CHAPTER 5 71

Morphological predictors of slaughter yields using 3D digitizer and their use in a common carp breeding program

CHAPTER 6 83

Simplified method for genetic slaughter yields improvement in common carp under European pond conditions

CHAPTER 7	105
General discussion	107
English summary	118
Czech summary	120
Acknowledgements	122
List of publications	123
Training and supervision plan during study	125
Curriculum vitae	127