

CONTENT

CHAPTER 1

7

General introduction

CHAPTER 2

13

Effects of supplementary feeding in carp ponds on discharge water quality: a review

CHAPTER 3

37

Effects of common carp (*Cyprinus carpio* Linnaeus, 1758) supplementary feeding with modified cereals on pond water quality and nutrient budget

CHAPTER 4

47

Supplementary feeding with modified cereals in common carp (*Cyprinus carpio* L.) pond farming and its effects on water quality, nutrient budget and zooplankton and zoobenthos assemblages

CHAPTER 5

69

General discussion

71

English summary

83

Czech summary

84

Acknowledgements

85

List of publications

86

Training and supervision plan during study

89

Curriculum vitae

90