

CONTENT

CHAPTER 1

5

General introduction

CHAPTER 2

35

Insecticides and drought as a fatal combination for a stream macroinvertebrate assemblage in a catchment area exploited by large-scale agriculture

CHAPTER 3

71

Effects of trace metals and municipal wastewater on the Ephemeroptera, Plecoptera, and Trichoptera of a stream community

CHAPTER 4

113

Signal crayfish as a threat for european ectosymbionts – overlooked biodiversity losses

CHAPTER 5

137

General discussion

139

English summary

147

Czech summary

149

Acknowledgements

151

List of publications

152

Training and supervision plan during study

154

Curriculum vitae

155