

CHAPTER 1	7
General introduction	
CHAPTER 2	29
Evaluation of different feeding frequencies in RAS-based juvenile pikeperch (<i>Sander lucioperca</i>) aquaculture	
CHAPTER 3	37
Influence of daily ration on growth and condition of juvenile pikeperch (<i>Sander lucioperca</i>) reared in a recirculating aquaculture system (RAS)	
CHAPTER 4	53
Effects of yeast hydrolysate supplementation in low-fish meal diets for pikeperch	
CHAPTER 5	67
Partial replacement of fish meal by soybean meal supplemented with inulin and oligofructose in the diet of pikeperch (<i>Sander lucioperca</i>): Effect on growth and health status	
CHAPTER 6	83
Polyculture of pikeperch (<i>Sander lucioperca</i>) and Russian sturgeon (<i>Acipenser gueldenstaedtii</i>) using an artificial common pellet – Implications on feed to fish nutrient transfers in recirculating aquaculture system (RAS)	
CHAPTER 7	95
Effect of bicultural rearing of pikeperch (<i>Sander lucioperca</i>) and Russian sturgeon (<i>Acipenser gueldenstaedtii</i>) on growth and fish condition parameters in RAS	
CHAPTER 8	109
Effect of density and mixed culture of largemouth bass (<i>Micropterus salmoides</i>) and pikeperch (<i>Sander lucioperca</i>) on growth, survival and feed conversion rate in intensive culture	
CHAPTER 9	125
General discussion	127
English summary	133
Czech summary	135
Acknowledgements	137
List of publications	139
Training and supervision plan during study	142
Curriculum vitae	143