Table of Contents

General Introduction	1
Chapter 1: Competition between perch (<i>Perca fluviatilis</i>) and ruffe	
(Gymnocephalus cernuus): the advantage of turning	
night into day	7
Introduction	8
Methods	10
Results	13
Discussion	18
Chapter 2: Respiration rates of Eurasian perch (<i>Perca fluviatilis</i>) and	
ruffe (Gymnocephalus cernuus): lower energy costs in	
groups	23
Introduction	24
Methods	28
Results	30
Discussion	37
Chapter 3: Predation effects of the two competitive fish species	
Eurasian perch and ruffe on littoral benthic communities:	i i
the influence of study site and competition	41
Introduction	42
Methods	43
Results	47
Discussion	55
Conclusion	60

Chapter 4: Generalist versus specialist: the	ne performances of perch
and ruffe in a lake of low produc	ctivity 63
Introduction	64
Methods	66
Results	71
Discussion	79
General discussion and concluding remark	85 85
Summary	93
Zusammenfassung	97
References	101
Acknowledgements	117
List of publications	119