

Contents

| | |
|--|-----------|
| Poděkování | i |
| Souhrn | ii |
| Summary | iv |
| Chapter 1 General introduction and thesis outline..... | 1 |
| Chapter 2 Rotifer fecundity in relation to components of microbial food web in a eutrophic reservoir | 19 |
| Chapter 3 Regulation of rotifer spring development by competition and predation in a eutrophic reservoir | 35 |
| Chapter 4 The clear-water rotifer population decline in reservoir: Role of competition | 53 |
| Chapter 5 Regulation of rotifer community by predation of <i>C. vicinus</i> in the Římov Reservoir in spring | 69 |
| Chapter 6 Concluding remarks | 85 |
| Curriculum vitae | 87 |
| List of publications | 87 |
| International conferences | 88 |