

Abstract

This thesis analyzes the ichthyofauna in Czech Republic in historical terms, i.e. how was the data on the occurrence of native species of fishes and lampreys collected. Particular attention is given to species alien to this territory - the following species are elaborated in more detail: *Carassius auratus*, *Ameiurus nebulosus*, *Pseudorasbora parva*, *Ctenopharyngodon idella*, *Hypophthalmichthys molitrix*, *Aristichthys nobilis*, *Gasterosteus aculeatus*, *Coregonus maraena*, *Coregonus peled*, *Acipenser baerii*, *Acipenser stellatus*, *Acipenser gueldenstaedtii*. The history of the introductions, the current situation in the Czech Republic and the impact on native ichthyofauna are listed (a more detailed evaluation of invasiveness is included for *Carassius auratus*, *Pseudorasbora parva*). Finally, the efforts to enrich the local ichthyofauna by introducing new species are generally evaluated.