

## **Abstract**

This thesis is focused on ecomorphological assessment of the river habitat quality in the Liběchovka river basin. Three methods that were chosen for assessment (EcoRivHab (Matoušková 2003), LAWA Field Survey (LAWA 1999) and Rapid Bioassessment Protocol (Barbour 1999)) are compared together and the conclusions are discussed. The discussion is orientated on purposes of major differences. Also ecological stability of the riparian zone of the river (200 meters buffer around the rivers) banks is assessed. This evaluation is based on interpretation of the aerial photographs.