The core theme of the work is the suitability of the Ponds of Hostivice Nature Sanctuary for the teaching of vertebrate biology in Prague grammar and high schools. The goal was the creation of a course comprising of six excursions to the Ponds, each with a set of excercises focused on vertebrates commonly found in the area. Materials were gathered from literary recherché of the locality which covered the history of the Ponds' underlying system and its geological and botanical characteristics, together with close personal observation that took place betwen March 2005 and December 2007