

This bachelor thesis is focussed on description of biology of gall wasps from the genus *Diplolepis* spp. (Hymenoptera: Cynipidae) in the palearctic region with the emphasis on some interesting phenomenons in their life cycle. These wasps induce galls obligatory on roses (*Rosa* spp.) and are widely distributed in the holarctic region. Many authors focussed on research of parasitoids, which use wasps larvae as food source. It was also recognized that inquilines lost their ability to induce own galls. However, their development is still dependent on galls tissues, because they feed on cells within galls. Rose gall wasps reproduce mostly without any mating. Female lay unfertilized eggs and males are very rare. Recently, development of modern techniques enable authors to study infection by bacteria of the genus *Wolbachia* and its role in the wasps parthenogenetic development. It is also apparent difference between the levels of our knowledge about individual species in this bachelor thesis. We have relative rich knowledges about European rose gall wasps, on the other hand biology of some Asian species is still very poor.