

Update Project: November 2014

In October 2014, we completed field studies on wood ants on Mts. Trebevic and Ozren. In the studied area we collected and labeled 90 wood ant colonies. During field research we recognised the factors that have the greatest negative impact on forest habitats and wood ants, such as forest exploitation and infrastructure building in the forest.

In early August 2014, we started with the curation of entomological collections, and parallel with the field research we have completed the determination of materials using subjective and morphometric method. Laboratory studies have shown that *Formica rufa* is represented in total sample by 42%, while 58% of the samples have intermediary characteristics of *Formica rufa* and *F. polyctena*. According to our research none of the samples show clear *Formica polyctena* characteristics.



Woods on Mt. Ozren.



Logging as main pressure on wood ants habitats.



Soil destruction by heavy machines.



Workers of *Formica rufa*.



Wood ants collecting moths'



Host species *Formica fusca*.



Collected and dry mounted queens of *Formica rufa*.



Collected and dry mounted drones *Formica rufa*



Collected and dry mounted workers *Formica rufa*.