

PhD thesis by Lenka Malíková: „Adventitious sprouting of short-lived plants in natural populations“

Presented theses by Lenka Malíková has developed on joint research workplace of Biological faculty South Bohemian University in České Budějovice and Institute of Botany Academy of Sciences of the Czech Republic in Třeboň. Financial support was provided by grant of Grant Agency of the Czech Republic: (206/03/H034) Plants, insect and vertebrates: integrated study of ecological and evolutionary interactions on population and ecosystem levels.

Lenka started her PhD study already in 2004 and she spend first two field seasons by intensive data collection during which she get immense pile of information on natural populations of short-lived adventitious sprouters in Central Europe. Her dataset containing information on 14 037 plant individuals from 389 populations belonging to 22 species represents unique source for comparative studies on plant response to disturbance. Lenka's study in Indonesia on invazive weed *Euphorbia geniculata* is next valuable addition to this dataset. From 2007 to 2010 Lenka interrupted her study and spend two years in Indonesia and one year in Thaiwan. Although the aim of her travelling abroad was to improve her skills in English, she was able to find time for botanical work and collected plants for herbarium in Institute of Botany, collected data for her theses, learned lot on tropical nature and agriculture and established promising international cooperation with molecular laboratory in Taiwan. After her return to Czechia she was able to conduct experiment with *Euphorbia geniculata* and prepared in cooperation with co-authors three manuscripts, included into the theses.

Beside she presented her results on international conferences and prepared several grant proposals.

To conclude, I believe that this all means that Lenka Malíková is capable of scientific work and I take the liberty to recommend her PhD theses for a defence.

August 30th, 2011

Jitka Klimešová
supervisor

