



# BOOK OF ABSTRACTS

First Legume Society Conference  
*2013: A Legume Odyssey*

9-11 May 2013, Novi Sad, Serbia

First Legume Society Conference  
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# Book of Abstracts

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International Legume Society  
Institute of Field and Vegetable Crops, Novi Sad, Serbia  
2013

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**A contribution of the project SEELEGUMES to the re-discovery of *Pisum elatius* subsp. *elatius* in Serbia and FYR of Macedonia**

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During 2011 and 2012, a project ERA-168/01 *Sustainable Preservation of Indigenous South East European Legumes and Their Traditional Food and Feed Products* (SEELEGUMES) has been carried out within the EU SEE-ERA.NET Plus programme, gathering together 19 partnering organisations from 14 European countries. One of the greatest achievements of the project was a re-discovery of numerous crop wild relatives of cultivated annual legumes in local floras, with a specific emphasis on 'tall' pea (*Pisum sativum* L. subsp. *elatius* (Steven ex M. Bieb.) Asch. & Graebn.). During 2011 and 2012, five expeditions have been made to the upper flow of the river Pčinja and on the slopes of the mountain Kozjak, where a population of *Pisum sativum* L. subsp. *elatius* was monitored *in situ*, from the stages of full bloom in late May 2011, full seed maturity in late June 2011, autumn emergence in October 2011, spring revival in March 2012 and the next reproductive stage in early June 2012. A morphological and chemical analysis of the forage and grain dry matter confirmed a considerable potential of *Pisum sativum* L. subsp. *elatius* for cultivation, while a prominent resistance to low temperatures has also been assessed. Two more populations of *Pisum sativum* L. subsp. *elatius* were found in FYR of Macedonia, namely in the vicinity of the villages Vataša and Bogdance. Generally and with certain regret, it may be concluded that many populations of *Pisum sativum* L. subsp. *elatius*, recorded in early 20th century, disappeared, as well as that in some cases *Pisum sativum* L. subsp. *elatius* was mixed with field pea (*P. sativum* L. subsp. *sativum* var. *arvense* (L.) Poiret).

Please visit the SEELEGUMES project web site: <http://polj.uns.ac.rs/~seelegumes/index.html>

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In the rich world of global agriculture, diverse legumes can play key roles to develop environment-friendly production, supplying humans and animals with the products of high nutritional value.

The Legume Society was initiated in 2011 with two primary missions. One of them was to treasure the rich legume research tradition of the European Association for Grain Legume Research (AEP), with emphasis on carrying out its the triennial legume-devoted conferences. Another one is to fulfill a long-term strategy of linking together the research on all legumes worldwide, from grain and forage legumes pharmaceutical and ornamental ones and from the Old World to the Americas.

We do anticipate that the First Legume Society Conference will be a unique and genuine contribution to our common goals: to promote the legume research and all its benefits into all spheres of the society, linking science with stakeholders and decision-makers, and to demonstrate how an efficient, useful and firm network of the legume researchers of the world is possible and sustainable.

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