

# COLOSS

## honey bee research association

Newsletter  
Issue 2015-1

### Announcements

Dissemination of bee health information is important to COLOSS. Here are recent announcements added to the COLOSS website by our members.

Ricola Foundation  
Nature & Culture

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RESEARCH ASSOCIATION

COLOSS is a non-profit association for scientific professionals who are dedicated to improving the well-being of honey bees.

We conduct research and disseminate knowledge through our projects, events, newsletters, website, and social media.

For more information about COLOSS, or to find out how you can join or partner our association to promote the health of honey bees through science and networking, please visit our website or contact us.



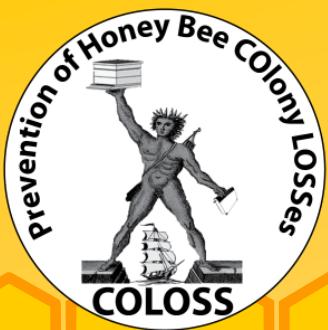
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### news

- **2015 COLOSS Conference.** Although spring has sprung in many places in the northern hemisphere (see photo at right), we are already planning for the autumn. The 2015 COLOSS Conference is tentatively set to take place in Slovenia from 21-23 October. More information will be provided in the coming weeks, so please stay tuned.
- **Since our last newsletter in October 2014, a number of workshops were organized by our Core Projects and Task Forces. Completed workshops include:**
  - TF APITOX, Louvain la Neuve, Belgium, November 2014
  - TF Varroa Control, Bologna, Italy, December 2014
  - TF CSI Pollen, Copenhagen, Denmark, January 2015
  - CP Monitoring, Copenhagen, Denmark, January 2015
  - TF Bee Breeding & Conservation, Kirchhain, Germany, February 2015
  - TF Small Hive Beetle, Bologna, Italy, February 2015
- **Proceedings** of these workshops, including short summaries, appear at [COLOSS Publications](#). A few are up already, with the rest to follow shortly. Be sure to check out the website frequently!
- **CSI Pollen.** Members of TF CSI Pollen pose for a photo at the University of Copenhagen. The TF hopes to build upon last year's project that included nearly 500 citizen scientists from 21 countries. For more information, visit [TF CSI Pollen](#).



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#### news

- **TF Varroa Control recruitment.** Members of Working Group 'Infestation Assessments' of [TF Varroa Control](#) are preparing for the upcoming bee season by enlisting researcher participants for their project. For more information, see their [COLOSS News Announcement](#).



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#### events

- **COLOSS TF APITOX Workshop, Bologna, Italy** (5 & 6 May 2015). Open to APITOX members only. For more information about APITOX, or to submit a request for membership, visit [TF APITOX](#).
- **COLOSS CP Beekeeping (B-RAP)** will organize a meeting in May 2015. More details will follow soon.



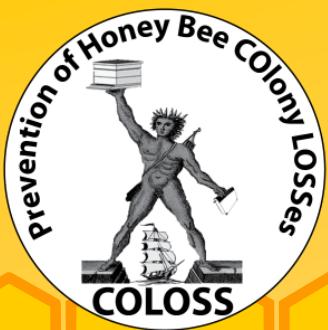
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**For more information about COLOSS' Core Projects & Task Forces, check out the 'What we do' portion of the COLOSS website**

#### jobs

- **Purina Animal Nutrition, Gray Summit (USA), Honey bee Scientist** [\[link\]](#)
- **icipe, Nairobi (Kenya), Research Scientist** [\[link\]](#)
- A number of positions advertised at [COLOSS Jobs](#) have past their application submission deadline date. They included those from:
  - University of Florida, USA
  - Queen Mary University London, UK
  - Idaho State University, USA
  - University of Nebraska, USA
  - Agriculture and Agri-Food Canada, Canada

For up-to-date information on available positions, please check [COLOSS Jobs](#) frequently.



# COLOSS

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### Announcements

#### articles



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- Al Naggar Y. *et al.* 2015. Organophosphorus insecticides in honey, pollen and bees (*Apis mellifera* L.) and their potential hazard to bee colonies in Egypt. *Ecotoxicology and Environmental Safety* 114: 1-8 [\[link\]](#)
- Al Naggar Y. *et al.* 2015. Exposure of honeybees (*Apis mellifera*) in Saskatchewan, Canada to organophosphorus insecticides. *Apidologie*, in press. DOI: 10.1007/s13592-015-0357-y [\[link\]](#)
- Danihlik J. *et al.* 2014. A sensitive quantification of the peptide apidaecin 1 isoforms in single bee tissues using a weak cation exchange pre-separation and nanocapillary liquid chromatography coupled with mass spectrometry. *Journal of Chromatography. A* 1374: 134–144 [\[link\]](#)
- Doublet V. *et al.* 2015. Within-host competition among the honey bees pathogens *Nosema ceranae* and Deformed wing virus is asymmetric and to the disadvantage of the virus. *Journal of Invertebrate Pathology* 124: 31-34 [\[link\]](#)
- Erler S. *et al.* 2014. Diversity of honey stores and their impact on pathogenic bacteria of the honeybee, *Apis mellifera*. *Ecology and Evolution* 4: 3960-3967. [\[link\]](#)
- Gherman B.I. 2014. Pathogen-associated self-medication behavior in the honeybee *Apis mellifera*. *Behavioral Ecology and Sociobiology* 68: 1777-1784 [\[link\]](#)
- Girisgin A.O. *et al.* 2014. Determining the stability of clove oil (Eugenol) for use as an acaricide in beeswax. *Israel Journal of Veterinary Medicine* 69: 192-196 [\[link\]](#)
- Hroncova Z. *et al.* 2015. Variation in honey bee gut microbial diversity affected by ontogenetic stage, age and geographic location. *PLoS ONE* 10: e0118707 [\[link\]](#).
- Nazi F. & Pennacchio F. 2014. Disentangling multiple interactions in the hive ecosystem. *Trends in Parasitology* 30: 556–561 [\[link\]](#)
- Ptaszyńska A.A. *et al.* 2014. Differentiation of *Nosema apis* and *Nosema ceranae* spores under Scanning Electron Microscopy (SEM). *Journal of Apicultural Research* 53: 537-544. [\[link\]](#)