

## Attachment 'C'

# University Academic Curriculum Vitae

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### Personal Information

Name: Riccardo Favaro  
Place and –date of birth: Treviso, 12/10/1986  
Nationality: Italian  
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### Education since leaving school

- 2009 BSc Tecnologie Forestali e Ambientali; University of Padova
- 2011 MSc Forestry and Environmental Sciences, University of Padova
- 2015 PhD Crop Sciences, University of Padova

### Present appointment

- Research Assistant
- March 2015-March 2016
- University of Padova
- Involved in a national wide project concerning the impact of invasive pest species to local biodiversity. Tasks of the role were the data collection and analyses, scientific writing, and students supervising.

### Professional experience

Chronological list of all previous employments (each with job title, starting and finishing dates, level, employer, responsibilities)

From / to	Job title	Name of academic Institution	Academic level	responsibilities
2015-2016	Research Assistant	University of Padova		Experiments design, data collection and analysis, scientific writing, students supervising
2012-2015	PhD student	University of Padova	Graduate	Experiments design, data collection and analysis,

				scientific writing, students supervising
2011	Research collaborator	University of Padova	Under- graduate	Data collection, insect rearing facilities maintenance

**Experience in academic teaching**

- Postgraduate supervision (PhD level): 4 undergraduate and 4 master degree students, concerning the subjects of bioacoustic, insect laboratory rearing, phenology, eradication management, chemical control, adaptation to host plants, host choice preference.

**Publications**

- Favaro R., Battisti A., Faccoli M. (2013). Dating *Anoplophora glabripennis* introduction in North-East Italy by growth-ring analysis. *Journal of Entomological and Acarological Research*, 45 (s1), 35.
- Faccoli M., Favaro R., Smith M.T., Wu J. (2014). Life history of the Asian Longhorn Beetle *Anoplophora glabripennis* (Coleoptera Cerambycidae) in southern Europe. *Agricultural and Forest Entomology* 17, 188–196.
- Faccoli M., Favaro R., Concheri G., Squartini A. & Battisti A. (2014). Tree colonization by the Asian Longhorn Beetle, *Anoplophora glabripennis* (Motschulsky) (Coleoptera Cerambycidae): effect of habitat and tree suitability. *Insect Science*. DOI: 10.1111/1744-7917.12192
- Favaro R., Wichmann L., Ravn H.P., Faccoli M. (2014). Spatial spread and infestation risk assessment in the Asian Longhorned Beetle *Anoplophora glabripennis* (Coleoptera Cerambycidae). *Entomologia Experimentalis et Applicata* 155, 95–101.
- Favaro R., Faccoli M. Host preference and breeding performance of the Asian Longhorn Beetle, *Anoplophora glabripennis* (Motschulsky) (Coleoptera Cerambycidae), in Southern Europe. *Bulletin of Entomological Research*. 1(3),1-9. March 2016. DOI: 10.1017/S0007485315001157
- Favaro R., Lupi D., Jucker C., Cappellozza S., Faccoli M. An artificial diet for rearing invasive alien longhorned beetles (Coleoptera

Cerambycidae). Bulletin of Insectology. In revision.

- Favaro R., Lupi D., Facciolli M. Host colonization by a gregarious parasitoid (*Sclerodermus* sp., Hymenoptera, Bethyllidae) on invasive wood borer larvae. Journal of Applied Entomology. In revision.
- Favaro R., Roved J., Mazzon L. Host Instar Influence on offspring sex ratio of *Neodryinus typhlocybae* (Ashmead) (Hymenoptera Dryinidae) parasitoid of *Metcalfa pruinosa* (Say) (Homoptera Flatidae). Biocontrol. Submitted.

**Further data**

- 13-16 July 2014, Amsterdam (NL). Participant at the 7th International Symposium on Molecular Insect Science;
- 9-14 June 2014, Orosei (IT). Speaker at the XXIV National Congress of Entomology;
- 7-8 June 2014, Orosei (IT). Speaker at the 5th European PhD Meeting In Insect Science;
- 19-21 February 2013, Ljubljana (SI): Participation as speaker to the final meeting of EPPO Q-DETECT project;
- 1-4 October 2013, Treviso (IT): Participation as speaker to the meeting of Cost-PERMIT (Pathway Evaluation and pest Risk Management In Transport) project;
- 7-8 September 2013, Speaker at the 4th European PhD Meeting In Insect Science;
- 4-6 December 2012. Participation to the final meeting of the EU EUPHRESKO project: "ANOPLORISK: Risk Management for the EC listed Anoplophora species, *A. chinensis* and *A. glabripennis*";
- 8-11 Nov 2012, Speaker to the International Symposium: "Anoplophora chinensis & Anoplophora glabripennis" held in Milan, presenting the poster "Dating the Anoplophora glabripennis outbreak in NE Italy by dendrochronological analysis";

**Statement of interest**

of My research interests deepen on insect ecology and plant-insect interactions. During the last three years, I was a PhD student on the project titled "Alien wood borers: detection, establishment and spread", concerning the study of invasive species in new invaded areas.

Even if my formation mainly concerned with invasive pests, I had an experience with bee ecology and management. During my PhD I was partially involved in the research of prof. Vincenzo Girolami regarding the effects of neonicotinoid insecticide on bee colonies. I was responsible for the maintenance of hives, helping in fieldwork and data collection. I was really interested about this research field, but my PhD tasks and the retirement of the professor made me difficult to

continue on this topic. I would really appreciate the possibility to work on it again.

The research activity of the doctoral years produced a massive amount of data, which resulted in seven publications, and can be viewed on my page at ResearchGate website. Writing and publishing articles has definitely helped further develop my writing skills and attention to details.

The study area covered a broad surface, which required several field surveys in both urban and forest sites, using either car or hiking trails. The entire doctorate project was managed only by me, with some support by temporary thesis students and department colleagues (with whom I have a mutual collaboration) making me self-sufficient in the project management. I have also been responsible for data collection, management and analysis, concerning the basic statistical methods and modelling. Experiments have been carried out both on wild beetles (freely present in the study site) or laboratory reared specimens. These tests lasted for more than four years, during which I acquired a good experience in insect rearing. Moreover, the study area covered a broad surface, which required several field surveys in both urban and forest sites, using either car or hiking trails.

I have had experience with the basic molecular techniques such as DNA extraction, PCR and sequencing, even if I didn't use them for the main project I were involved with and these data haven't been published yet. They were mainly used for the species identification and the population genetics of longhorned beetles.

I also attended many workshops and congresses as speaker, further developing my public speaking, communication and networking skills. Furthermore, I have a spontaneous propensity in personal relationships and team working. As a result, several collaborations came up with other institutes and universities. In the last four years, I have supervised thesis research and write-ups of 8 students

All in all I believe that my profile can fit very well with the position proposal and I can bring a valuable contribution to the group. To be a part of your institute would be an honour and a great opportunity for my career!

**Language  
competence**

English (C2 level)  
Italian (Native)

Date

05/11/2016

Signature

Luca E. Basso