

## CURRICULUM VITAE

### Personal information

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Surname	<b>VOISE</b>
First name	<b>Jonathan</b>
Nationality	French
Birth day	12 June 1983
Family situation	Single
Phone	02 47 36 69 81
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Personal address	13 boulevard de Chinon – 37300 – Joué les Tours
Professional address	Institut de Recherche sur la Biologie de l’Insecte - UMR CNRS 6035 Faculté des Sciences et Techniques Avenue Monge - Parc Grandmont - 37200 TOURS

### Actual situation

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**2007 -**        **PhD student** in life sciences  
*Capillary phenomena and echolocation in semi-aquatic insects*  
Institut de Recherche sur la Biologie de l’Insecte – UMR CNRS 6035  
University François Rabelais, Tours  
Coordinator : Jérôme Casas

### Education

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**2007 - present**   **PhD thesis** in life sciences  
Institut de Recherche sur la Biologie de l’Insecte – UMR CNRS 6035  
University François Rabelais, Tours

**2004 - 2006**   **Master** Terrestrial Ecosystems and Human Action  
University of Orléans

**2001 - 2004**   **Licence** Biology of Organisms  
University of Orléans

### Training and work experience

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**2006 - 2007**   **Volontaire Civil International - IRD**  
*Prediction of geographical distribution of wild Noctuidae stem borers genera in sub-saharan Africa*  
International Center of Insect Physiology and Ecology – Nairobi, Kenya

**2005-2006**   **Master 2**  
**(6 months)**   *Study of a method for monitoring Ips typographus populations with pheromone baited traps in Wallony (Belgium)*  
Laboratoire de lutte biologique et d’écologie spatiale  
Université Libre de Bruxelles, Belgique  
Coordinator : Jean-Claude Grégoire

**2005 (2 months) Master 1**

*Coleoptera biodiversity in French coniferous forests (European project Monochamus)*  
Laboratoire de Biologie des Ligneux et des Grandes Cultures  
University of Orléans  
Coordinator : Daniel Rougon

## Teaching - Training

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**2009 Ecology** (Licence – 12h)  
University François Rabelais, Tours

**2009 Entomology** (Master 2 – 8h)  
University François Rabelais, Tours

**2010 Training of Carole Delaunay, Master 1** Insect Sciences  
*Interactions between whirligig beetles and immobile objects*  
Institut de Recherche sur la Biologie de l’Insecte – UMR CNRS 6035  
University François Rabelais, Tours

## Scientific publications

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**Voise J. & Casas J. 2010** The management of fluid and wave resistances by whirligig beetles. *Journal of the Royal Society Interface*. 7 : 343-352

## Scientific meetings

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### Oral presentation

*Managing fluid and wave resistances by whirligig beetles swimming on water surface*  
Annual meeting of the Society for Experimental Biology – Glasgow 2009  
1<sup>st</sup> prize of the General Biomechanics session

### Poster

*Behavioral strategies to manage resistance forces by whirligig beetles swimming on water surface*  
5<sup>th</sup> meeting in Ecology & Behavior – Lyon 2009

## Other activities

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Co-organizer of the 6<sup>th</sup> meeting in Ecology & Behavior – Tours 2010

Creation of an insect collection for the Institut de Recherche sur la Biologie de l’Insecte and for teaching at the University of Tours

Participation to the EduInsecte project: entomological boxes for educational purpose

Member of the Society for Experimental Biology

## Skills

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Use of high speed cameras

Video analysis and image analysis

Programming under MatLab and Surface Evolver

Geographical Information Systems (GIS)

Field work

Mounting and identification of insects

Languages        English : skills, both written and oral  
                     Spanish : notions