

# Martin Libra

Date of birth: 8/JAN/1990

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## WORK HISTORY

2010 – PRESENT	<b>INSTITUTE OF ENTOMOLOGY, BIOLOGICAL CENTRE AS CR (ENTU CAS)</b> Technical assistant, part job Sorting of samples from Papua New Guinea–Jan Hrček Sorting and determination of ant samples from PNG –Petr Klimeš Identification of bark beetles from PNG – Kateřina Zimová
10. 2018 – 12. 2018	<b>RESEARCH STAY – EUCFACE, SYDNEY</b> Research stay at EucFACE, Hawkesbury Institute for the Environment, West. Sydney University Cooperation with Western Sydney University ENTU CAS and Faculty of Science (Part of ERC project).
07. 2018 – 07. 2018	<b>RESEARCH STAY – TESRI, TAIWAN</b> Research stay at TESRI, Jiji, Taiwan Research stay + Thy HYMcourse workshop (focused on Identification of Hymenopterans), Supervised by Prof. D. Quicke, Chulalongkorn University, Bangkok
05. 2018 – 05. 2018	<b>RESEARCH STAY – TOEF, JAPAN</b> Research stay at Tomakomai Experimental Forest, Hokkaido, Japan Cooperation with The University of Tokyo, University of Chiba ENTU CAS and Faculty of Science (Part of GACR project).
03.2016 – 08.2016	<b>RESEARCH STAY – BINATANG RESEARCH CENTER, PAPUA NEW GUINEA</b> Research stay - <i>Survival of caterpillars in different altitudes.</i>
05. 2015 – 07. 2015 05. 2014 – 08. 2014	<b>RESEARCH STAY – TOEF, JAPAN</b> Research stay at Tomakomai Experimental Forest, Hokkaido, Japan Cooperation with The University of Tokyo, University of Chiba ENTU CAS and Faculty of Science, USB (Part of ERC project).

## EDUCATION

09.2015 – present	<b>Ph.D. study</b> Department of Ecology and Conservation Biology, Biology Centre CAS and Department of Zoology, Faculty of Sciences, University of South Bohemia <i>Community structure of caterpillar parasitoids from tropical rain forest.</i> Vojtech Novotný – supervisor, Jan Hrček - co-supervisor
09.2013 – 05.2015	<b>M.Sc. of Biology</b> Department of Ecology and Conservation Biology, Biology Centre CAS and Department of Zoology, Faculty of Sciences, University of South Bohemia <i>Diversity of gall-inducing arthropods in two different host communities in temperate forests.</i> M.Sc. Thesis, in Czech - Martin Volf – supervisor
09.2009 – 02.2013	<b>B.Sc. of Biology</b> Department of Ecology and Conservation Biology, Biology Centre CAS and Department of Zoology, Faculty of Sciences, University of South Bohemia <i>Intraguild predation of predators on caterpillar parasitoids.</i> Bc. Thesis, in Czech Jan Hrček – supervisor
10.2014	<b>" Development of Czech landscape"</b> E-learning course - Daphne ČR - Institute for Applied Ecology

## Scientific conferences, talks and workshops

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07.2018	<b>The HYMcourse, TESRI, Jiji, Taiwan</b> Workshop focused on identification, diversity and life history of Hymenoptera. Under supervising of Prof. Quicke.
12.2017	<b>BES conference, Ghent 2017</b> <i>Predation and parasitism risk to caterpillars along an altitudinal gradient in tropical rainforest</i> - poster + The Lightning talk (1 <sup>st</sup> place).
11.2016	<b>Kyoto University – talk (2):</b> <i>Insect sampling methods used for global comparison of diversity, and Diversity of gall-inducing arthropods in temperate forests.</i>
02.2016	<b>Zoological Days – conference talk, C. Budejovice</b> - talk: <i>Diversity of gall-inducing arthropods in temperate forest.</i>

## PUBLICATIONS

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Volf, M. , Pyszko, P. , Abe, T. , **Libra, M.** , Kotásková, N. , Šigut, M. , Kumar, R. , Kaman, O. , Butterill, P. T. , Šipoš, J. , Abe, H. , Fukushima, H. , Drozd, P. , Kamata, N. , Murakami, M. and Novotny, V. (2017), Phylogenetic composition of host plant communities drives plant-herbivore food web structure. *J Anim Ecol*, 86: 556-565. doi:10.1111/1365-2656.12646

Szefer, P. , Carmona, C. P., Chmel, K. , Konečná, M. , **Libra, M.** , Molem, K. , Novotný, V. , Segar, S. T., Švambergová, E. , Topliceanu, T. and Lepš, J. (2017), Determinants of litter decomposition rates in a tropical forest: functional traits, phylogeny and ecological succession. *Oikos*, 126: 1101-1111. doi:10.1111/oik.03670

## ADDITIONAL INFORMATION

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Language	English – fluent (TOEFL exam – 2015) French – passive Czech – native PNG Pidgin – passive
IT Skills	Common computer programs (MS Word, MS Excel etc.) Statistical programs (R; CANOCO, Statistic, EstimateS) Sound and graphic editors (Audacity, Goldwave, Adobe Photoshop)
Laboratory skills	Basics of molecular analysis (Isolation of DNA, PCR, Barcoding)
Other skills:	Communication, Leading of team, Teamwork, Initiative, Problem solving, Flexibility, Driving license (B)
Reviewing	Reviews of manuscripts for Arthropod-Plant Interactions and Current Opinion in Insect Science
Other activities	Science outreach presentations about my field work in Papua New Guinea and Japan (intended for kindergartens, schools, home for the elderly, public lectures). Science outreach within CAS Biology Centre for kindergartens and primary schools.