



Community Ecology and Conservation Lab
Xishuangbanna Tropical Botanical Garden
Chinese Academy of Sciences
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Date of Birth: 18/02/1986
Nationality: China
Language: Chinese & English

Liu Jiajia

EDUCATION

Sep 2009—June 2014: PhD Candidate in Ecology

Xishuangbanna Tropical Botanical Garden, Chinese Academy of Science

Supervisor: Prof. J. W. Ferry Slik & Richard T. Corlett

PhD thesis: Spatial distribution patterns of forest fragments and its effect on biodiversity: from species to traits

Sep 2005—June 2009: Bachelor in Ecology

School of Life Sciences, Yunnan university

Project supervisor: Prof. Ou Xiaokun

B.S. thesis: Comparison analysis of species composition and stand structure in various states of disturbed forest: A case study on *Quercus aquifolioides* forest in Northwest Yunnan

ACDEMIC SKILLS & INTERSTS

R package, ^LA^TE^X, ArcGIS 10, Statistics analysis, Microsoft office, Meta-analysis

Plant taxonomy, especially tropical species

Fluent English both in writing and speaking

Biodiversity & Conservation (Traits, Species distribution pattern)

Social Sciences (e.g. Psychology, Philosophy, Culture)

Fictions & poems

PUBLICATIONS

1. **Jia-Jia, Liu**, and J. W. Slik. "Forest fragment spatial distribution matters for tropical tree conservation." *Biological Conservation* 171 (2014): 99-106.
2. Si.-Chong, Chen, C. Cannon, C.-S. Kua, **Jia-Jia. Liu** and D. Galbraith. "Genome size variation in the Fagaceae and its implications for trees." *Tree Genetics & Genomes* (2014): 1-12.
3. **Jia-Jia, Liu**, J. W. Slik, Yun-Hong Tan "Topography related habitat associations of tree species traits, composition and diversity in a Chinese tropical forest." *Forest Ecology and Management* (2014) In press.

PUBLICATIONS IN PREPARATION

1. **Liu, Jia-Jia**, J.W. Ferry Slik, Tan, Yun-Hong, Corlett, Richard T, *Functional vulnerability of the remnant limestone forest fragments in tropical Asia. Manuscript finished.*
2. **Liu, Jia-Jia**, J.W. Ferry Slik, Corlett, Richard T, *When biogeography theory meet niche theory: which drives the patterns of traits and functional diversity in tropical forest fragments?. In preparation(Analysis finished)*
3. **Liu, Jia-Jia**, J.W. Ferry Slik, Chen, Si-Chong, *On the importance and management of Urban plants: a meta-analysis of Chinese campus plants, In preparation (Analysis finished).*
4. **Liu, Jia-Jia**, J.W. Ferry Slik, *The bias of the fragmentation studies: A meta-analysis approach. In preparation (Data compiled).*

EXTRA ACHIEVEMENTS

1. *The handbook of plants identification in Xishuangbanna tropical forest fragments*, finished with a word version, but without funding for publication. . .
2. *The Database of Campus plants of Chinese Universities* (Including 61 universities).

MEMBERSHIP

Member of *Ecological Society of Australia*

RESEARCH HISTORY

Conference oral presenter

2011---2014

1. Grand Ballroom, Sebel Albert Park, Molberum, Australia
2012 Annual Meeting of Ecological Society of Australia
2. Xishuangbanna Tropical Botanical Garden, Yunnan, China
The Annual Meeting of the Association for Tropical Biology and Conservation, Asia-Pac Chapter; 2012 The Chinese 3rd Tropical Forest Meeting, 2011
3. J N Tata Auditorium, Indian Institute of Science, Bangalore, India
Student Conference of Conservation Science, Bangalore, 2011

Poster presenter

Jan—Feb 2013

4. University of Queensland, Brisbane, Australia
Student Conference of Conservation Science, Brisbane, Australia

Research assistant

5. Kunming institute of Botany, Kunming, China
Practice in China Germplasm Bank of Wild Species program Mar—May 2009
6. Yunnan University, Kunming, Yunnan, China
Designing the process of Sewage treatment automation in a biological way Apr 2006—Jun 2008

Social Activities

1. Organizers of the Pre & Post-conference of *The Annual Meeting of the Association for Tropical Biology, Asia-Pac Chapter, 2012*.
2. Volunteer for science popularization in the Xishuangbanna Tropical Botanical Garden

Workshops

1. **Advanced field Advanced Field Ecology** Course in Xishuangbanna, China June—Aug 2009
2. CTFS (Center for Tropical Forest Science) workshop on **analysis of traits** July 2011
in Changbaishan, Jilin, China.
3. **Species distribution modelling** on bats workshop, Xishuangbanna, Yunnan, China Mar 2012
4. **Field Botany course** in tropical Asia, Xishuangbanna, Yunnan, China Apr 2012
5. **Conservation planning** workshop in University of Queensland, Australia Feb 2013

RELATED PROJECTS

1. Xishuangbanna Forest Fragments Conservation Program 2012—2014
My main PhD project, Supervised by Prof. Ferry Slik.
2. Gene Flow and Fragmentation Project 2013—2015
Lead by A. Prof. Michael McLeish, I evolved in supporting data collection.
3. Duijiangyan Forest Fragments Conservation project 2013—2014
Lead by Institute of Botany & Institute of zoology, China. I evolved in plot designing.
4. Social Survey On the Housing of The Peasant-workers 2011—2012
I am in charge of this Chinese academy of Sciences funded program.

RELATED WEBSITES

Group website: <http://phylodiversity.net/fslik/>

Personal website: <http://liujiajia.wix.com/science>

Scientical Blog with comments on read paper (but in Chinese ☹)

<http://blog.sciencenet.cn/u/mengchanghe>

Life in the fragments: <http://www.douban.com/photos/album/99521718/>

<http://site-29900d7xs0104.tap.cn/>

HOBBIES

Reading, hiking in the forest, boating, football, travelling.

Reviewers:

Environmental Monitoring and Assessment

REFERENCES

Ferry Slik (ferryslik@hotmail.com)

Associate Professor

Faculty of Science

Universiti Brunei Darussalam,

Jln Tungku Link, Gadong, BE1410, Brunei Darussalam

Richard T. Corlett (corlett@xtbg.org.cn)

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