

## The Publication List of Chinese Forest Biodiversity Monitoring Network (2006-2014)

### 2014

1. Bai XueJiao, Brenes-Arguedas Tania, Ye Ji, Wang Xugao, Lin Fei, Yuan Zuoqiang, Shi Shuai, Xing Dingliang and Hao Zhanqing. 2014. Dynamics of two understory shrub species in old growth and young secondary forests. *PLoS ONE*, 9(6): e98200.
2. Feng Gang, Svenning Jens-Christian, Mi Xiangcheng, Qi Jia, Rao Mide, Ren Haibao, Bebber P. Daniel and Ma Keping, 2014. Anthropogenic disturbance shapes phylogenetic and functional tree community structure in a subtropical forest. *Forest Ecology and Management*, 313: 188-198.
3. Feng Gang, Mi Xiangcheng, Bøcher PK, Mao Lingfeng, Sandel Brody, Cao Min, Ye Wanhui, Hao Zhanqing, Gong Hede, Zhang Yutao, Zhao Xiuhai, Jin Guangze, Ma Keping and Svenning Jens-Christian. 2014. Relative roles of local disturbance, current climate and palaeoclimate in determining phylogenetic and functional diversity in Chinese forests. *Biogeosciences*, 11:1361-1370.
4. Hu Yuehua, Kitching L. Roger, Lan Guoyu, Zhang Jiaolin, Sha Liqing and Cao Min. 2014. Size-class effect contributes to tree species assembly through influencing dispersal in tropical forests. *PLoS ONE*, 9:e108450.
5. Huang Jianxiong, Zhang Jian, Shen Yong, Lian Juyu, Cao Honglin, Ye Wanhui, Wu Linfang and Bin Yue. 2014. Different relationships between temporal phylogenetic turnover and phylogenetic similarity and in two forests were detected by a new null model. *PLoS ONE*, 9(4): e95703.
6. Kang Meng, Chang X. Scott, Yan Enrong and Wang Xihua. 2014. Trait variability differs between leaf and wood tissues across ecological scales in subtropical forests. *Journal of Vegetation Science*, 25:703-714.
7. Lin Fei, Comita Liza, Wang Xugao, Bai Xuejiao, Yuan Zuoqiang, Xing Dingliang and Hao Zhanqing. 2014. The contribution of understory light availability and biotic neighborhood to seedling survival in secondary versus old-growth temperate forest. *Plant Ecology*, 215:795-8072.
8. Liu Jiajia, Tan Yunhong and Slik J.W. Ferry. 2014. Topography related habitat associations of tree species traits, composition and diversity in a Chinese tropical forest. *Forest Ecology and Management*, 330:75-81.
9. Liu Yanyan, Li Fengri and Jin Guangze. 2014. Spatial patterns and associations of four species in an old-growth temperate forest. *Journal of Plant Interactions*, 9: 745-753.

10. Ma Lei, Chen Can, Shen Yong, Wu Linfang, Huang Zhongliang and Cao Honglin. 2014. Determinants of tree survival at local-scale in a subtropical forest. *Ecological Research*, 29(1):69-80.
11. Qi Yujiao, Li Fengri, Liu Zhili and Jin Guangze. 2014. Impact of understorey on overstorey leaf area index estimation from optical remote sensing in five forest types in northeastern China. *Agricultural and Forest Meteorology*, 198-199:72-80.
12. Qian Hong, Hao Zhanqing and Zhang Jian. 2014. Phylogenetic structure and phylogenetic diversity of angiosperm assemblages in forests along an elevational gradient in Changbaishan, China. *Journal of Plant Ecology*, 7(2):154-165.
13. Shen Yong, Santiago S. Louis, Shen Hao, Ma Lei, Lian Juyu, Cao Honglin, Lu Huanping and Ye Wanhui. 2014. Determinants of change in subtropical tree diameter growth with ontogenetic stage. *Oecologia*, 175:1315-1324.
14. Shi Lingling, Mortimer E. Peter, Slik J. W. Ferry, Zou Xiaoming, Xu Jianchu, Feng Wenting and Qiao Lu. 2014. Variation in forest soil fungal diversity along a latitudinal gradient. *Fungal Diversity*, 64(1):305-315.
15. Wang Fang, Wang Zhengfeng, Ye Wanhui, Yu Liang and Ma Keping. 2014. Isolation and characterization of microsatellite loci in an endemic species *Styrax odoratissimus* (Styracaceae) in subtropical forests. *Conservation Genetics Resources*, 6(3):579-580.
16. Wang Qinggang, Bao Dachuan, Guo Yili, Lu Junmeng, Lu Zhijun, Xu Yaozhan, Zhang Kuihan, Liu Haibo, Meng Hongjie, Jiang Mingxi, Qiao Xiujuan and Huang Handong. 2014. Species associations in a species-rich subtropical forest were not well-explained by stochastic geometry of biodiversity. *PLoS ONE*, 9(5):e97300.
17. Wang Qinggang, Xu Yaozhan, Lu Zhijun, Bao Dachuan, Guo Yili, Lu Junmeng, Zhang Kuihan, Liu Haibo, Meng Hongjie, Qiao Xiujuan, Huang Handong, Jiang Mingxi. 2014. Disentangling the effects of topography and space on the distributions of dominant species in a subtropical forest. *Chinese Science Bulletin*, 59:5113-5122.
18. Wang Zhengfeng, Lian Juyu, Ye Wanhui, Cao Honglin and Wang Zhangming. 2014. The spatial genetic pattern of *Castanopsis chinensis* in a large forest plot with complex topography. *Forest Ecology and Management*, 318:318-325.
19. Wei Shiguang, Li Lin, Chen Zhencheng, Lian Juyu, Lin Guojun, Huang Zhongliang, Yin Zuoyun. 2014. Which models are appropriate for six subtropical forests: species-area and species-abundance models. *PLoS ONE*, 9(4): e95890.
20. Xing Dingliang, Swenson G. Nathan, Weiser D. Michael and Hao Zhanqing. 2014. Determinants of species abundance for eastern north american trees. *Global Ecology and Biogeography*, 23:903-911.
21. Yang Jie, Ci Xiuqin, Lu Mengmeng, Zhang Guocheng, Cao Min, Li Jie and Lin Luxiang. 2014. Functional traits of tree species with phylogenetic signal co-vary

- with environmental niches in two large forest dynamics plots. *Journal of Plant Ecology*, 7(2):115-125.
22. Yang Xiaodong, Yan Enrong, Chang X. Scott, Wang Xihua, Zhao Yantao and Shi Qingru. 2014. Twig-leaf size relationships vary with soil moisture gradient in subtropical forests. *Acta Oecologica*, 60:17-25.
23. Ye Ji, Hao Zhanqing, Wang Xugao, Bai Xuejiao, Xing Dingliang and Yuan Zuoqiang. 2014. Local-scale drivers of multi-stemmed tree formation in *Acer*, in a temperate forest of Northeast China. *Chinese Science Bulletin*, 59(3):320-325.
24. Yu Xiaodong, Luo Tianhong and Zhou Hongzhang. 2014. Composition and distribution of ground-dwelling beetles among oak fragments and surrounding pine plantations in a temperate forest of North China. *Insect Science*, 21:114-124.
25. Anderson-Teixeira Kristina J., Davies J. Stuart, Bennett C. Amy, Gonzalez-Akre B. Erika, Muller-Landau C. Helene, Wright S. Joseph, Salim Kamariah Abu, Zambrano Angélica M. Almeyda, Alonso Alfonso, Baltzer L. Jennifer, Basset Yves, Bourg A. Norman, Broadbent N. Eben, Brockelman Y. Warren, Bunyavejchewin Sarayudh, Burslem F. R. P. David, Butt Nathalie, Cao Min, Cardenas Dairon, Chuyong B. George, Clay Keith, Cordell Susan, Dattaraja S. Handanakere, Deng Xiaobao, Detto Matteo, Du Xiaojun, Duque Alvaro, Erikson L. David, Ewango E.N. Corneille, Fischer A. Gunter, Fletcher Christine, Foster B. Robin, Giardina P. Christian, Gilbert S. Gregory, Gunatilleke Nimal, Gunatilleke Savitri, Hao Zhanqing, Hargrove W. William, Hart B. Terese, Hau C.H. Billy, He Fangliang, Hoffman M. Forrest, Howe W. Robert, Hubbell P. Stephen, Inman-Narahari M. Faith, Jansen A. Patrick, Jiang Mingxi, Johnson J. Daniel, Kanzaki Mamoru, Kassim Abdul Rahman, Kenfack David, Kibet Staline, Kinnaird F. Margaret, Korte Lisa, Kral Kamil, Kumar Jitendra, Larson J. Andrew, Li Yide, Li Xiankun, Liu Shirong, Lum K.Y. Shawn, Lutz A. James, Ma Keping, Maddalena M. Damian, Makana Jean-Remy, Malhi Yadvinder, Marthews Toby, Serudin Rafizah Mat, McMahon M. Sean, McShea J. William, Memiaghe R. Hervé, Mi Xiangcheng, Mizuno Takashi, Morecroft Michael, Myers A. Jonathan, Novotny Vojtech, Oliveira A. de Alexandre, Ong S. Perry, Orwig A. David, Ostertag Rebecca, Ouden den Jan, Parker G. Geoffrey, Phillips P. Richard, Sack Lawren, Sainge N. Moses, Sang Weiguo, Sri-ngernyuang Kriangsak, Sukumar Raman, Sun I-Fang, Sungpalee Witchaphart, Suresh Hebbalalu Sathyanarayana, Tan Sylvester, Thomas C. Sean, Thomas W. Duncan, Thompson Jill, Turner L. Benjamin, Uriarte Maria, Valencia Renato, Vallejo I. Marta, Vicentini Alberto, Vrška Tomáš, Wang Xihua, Wang Xugao, Weiblen George, Wolf Amy, Han Xu, Yap Sandra and Zimmerman Jess. 2014. CTFS-ForestGEO: a worldwide network monitoring forests in an era of global change. *Global Change Biology*, 21:528-549.

26. Bruelheide Helge, Nadrowski Karin, Assmann Thorsten, Bauhus Jürgen, Both Sabine, Buscot François, Chen Xiaoyong, Ding Bingyang, Durka Walter, Erfmeier Alexandra, Gutknecht L. M. Jessica, Dali Guo, Guo Liangdong, Härdtle Werner, He Jinsheng, Klein Alexandra-Maria, Kühn Peter, Liang Yu, Liu Xiaojuan, Michalski Stefan, Niklaus A. Pascal, Pei Kequan, Scherer-Lorenzen Michael, Scholten Thomas, Schuldt Andreas, Seidler Gunnar, Trogisch Stefan, Oheimb von Goddert, Welk Erik, Wirth Christian, Wubet Tesfaye, Yang Xuefei, Yu Mingjian, Zhang Shouren, Zhou Hongzhang, Fischer Markus, Ma Keping and Schmid Bernhard. 2014. Designing forest biodiversity experiments: general considerations illustrated by a new large experiment in subtropical China. *Methods in Ecology and Evolution*, 5: 74-89.
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28. Lang C. Anne, Oheimb von Goddert, Scherer-Lorenzen Michael, Yang Bo, Trogisch Stefan, Bruelheide Helge, Ma Keping and Härdtle Werner. 2014. Mixed afforestation of young subtropical trees promotes nitrogen acquisition and retention. *Journal of Applied Ecology*, 51:224-33.
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31. Chen Yun, Yuan Zhiliang, Ren Siyuan, Wei BoLiang, Jia Hongru and Ye Yongzhong. 2014. Correlation analysis of soil and species of different life forms in Baotianman Nature Reserve. *Chinese Science Bulletin*, 59(24):2367-2376. (In Chinese with English Abstract)
32. Fang Shuai, Yuan Zuoqiang, Lin Fei, Ye Ji, Hao Zhanqing and Wang Xugao. 2014. Functional and phylogenetic structures of woody plants in broad-leaved korean pine mixed forest in Changbai mountains, Jilin, China. *Chinese Science Bulletin*, 59(24): 2342-2348. (In Chinese with English Abstract)
33. Huang Fuzhao, Wang Bin, Ding Tao, Xiang Wusheng, Li Xiankun and Zhou Aiping. 2014. Numerical classification of associations in a northern tropical karst seasonal rain forest and the relationships of these associations with environmental factors. *Biodiversity Science*, 22(2):157-166. (In Chinese with English Abstract)
34. Kuang Xu, Xing Dingliang, Zhang Zhaochen, Song Houjuan, Wang Yunyun, Fang Shuai, Yuan Zuoqiang, Ye Ji, Lin Fei, Wang Xugao and Hao Zhanqing. 2014.

- Species composition and community structure of a spruce-fir forest and a larch forest on the northern slope of Changbai mountains, northeast China. ***Chinese Journal of Applied Ecology***, 25(8):2149-2157. (In Chinese with English Abstract)
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37. Liu Jiancai, Chen Jinling and Jin Guangze. 2014. Response of soil organic carbon and nutrients to simulated nitrogen deposition in typical mixed broadleaved-korean pine forest. ***Bulletin of Botanical Research***, 34(1):121-130. (In Chinese with English Abstract)
38. Liu Yanyan, Jin Guangze and Li Fengri. 2014. Influence of forest gaps on seedling establishment in a mixed broadleaved-korean pine (*Pinus koraiensis*) forest in Xiao Hinggan mountains. ***Chinese Science Bulletin***, 59(24): 2396-2406. (In Chinese with English Abstract)
39. Liu Zhili and Jin Guangze. 2014. Estimation of seasonal changes in leaf area index based on optical methods in spruce-fir valley forest. ***Chinese Journal of Applied Ecology***, 25(12):3420-3428. (In Chinese with English Abstract)
40. Liu Zhili, Jin Guangze and Zhou Ming. 2014. Measuring seasonal dynamics of leaf area index in a mixed conifer-broadleaved forest with direct and indirect methods. ***Chinese Journal of Plant Ecology***, 38(8):843-856. (In Chinese with English Abstract)
41. Niu Xiaomin, Shi Shuai, Wang ZhengFeng, Ye Wanhui and Hao Zhanqing. 2014. Spatial autocorrelation of genetic structure of *Prunus padus* population in broadleaved korean pine forest of Changbai mountains. ***Chinese Journal of Applied Ecology***, 25(5):305-310. (In Chinese with English Abstract)
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44. Song Houjuan, Ye Ji, Shi Shuai, Zhang Zhaochen , Kuang Xu, Xing Dingliang, Yuan Zuoqiang, Lin Fei, Wang Xugao and Hao Zhanqing. 2014. Woody plant

- species composition and community structure in residual fragments of broad-leaved korean pine mixed forests in Changbai mountains area. *Chinese Journal of Applied Ecology*, 25(5):1239-1249. (In Chinese with English Abstract)
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48. Wang Bin, Huang Yusong, Li Xiankun, Xiang Wusheng, Ding Tao, Huang Fuzhao, Lu Shuhua, Han Wenheng, Wen Shujun and He Lanjun. 2014. Species composition and spatial distribution of a 15 ha northern tropical karst seasonal rain forest dynamics study plot in Nonggang, Guangxi, southern China. *Biodiversity Science*, 22(2):141-156. (In Chinese with English Abstract)
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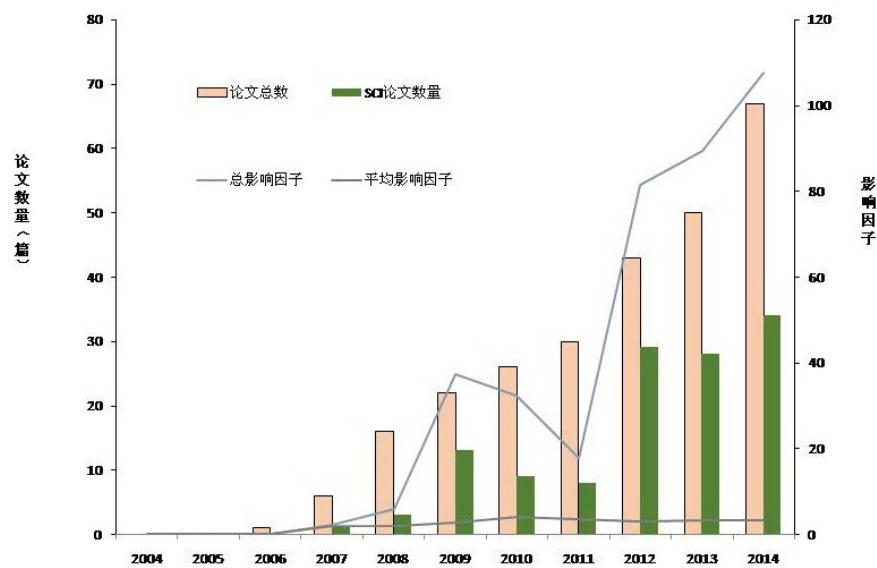
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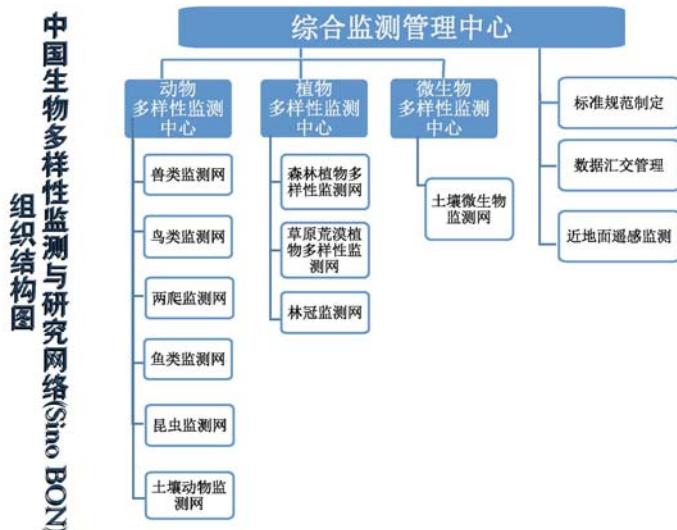
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