

Xingfeng Si

Curriculum Vitae

CONTACTS

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EDUCATION

2008- Ph.D. Student. *Ecology*, Zhejiang University, China
2012-2013 Visiting Student. *Ecology*, Duke University, USA
2004-2008 B.S. *Biology*, Zhejiang Normal University, China

AWARDS and HONORS

2013 **Gold Awards of the 9th Kingfisher Forum**, China Ornithological Society
2012 **State Scholarship Fund**, China Scholarship Council
2012 **Honorable Awards of the 1st Student Forum**, CLS Zhejiang University
2011 **Merit Graduated Student in 2010-2011**, Zhejiang University
2011 **Honors of First-class Scholarship in 2010-2011**, Zhejiang University
2011 **Gold Awards of the 7th Kingfisher Forum**, China Ornithological Society
2009 **Silver Awards of the 5th Kingfisher Forum**, China Ornithological Society
2008 **Ten Outstanding Research & Training Students**, Zhejiang Normal University
2005 **Excellent Student Cadre in 2004-2005**, Zhejiang Normal University
2005 **Second-class Scholarship in 2004-2005**, Zhejiang Normal University
2005 **Excellent League Member in 2004**, Zhejiang Normal University

RESEARCH INTERESTS

Animal ecology, biodiversity, camera traps, conservation biology, habitat fragmentation, island biogeography, landscape ecology, ornithology, wildlife management

RESEARCH PROJECTS

Directed Projects

2006-2007 **Observation and study of reproductive behavior of rodents.** Laboratory Open Program of Zhejiang Normal University. (Project Director, 1/3)

Participated Projects

2013-2017 **Effects of food web and its composition on bird and plant communities in subtropical fragmented habitats: a case study of land-bridge islands in Thousand Island Lake.** National Science Foundation of China. (Core Participant, 4/8)
2012-2015 **Dynamic and Stability of forest bird community in fragmented habitats of Thousand Island Lake.** National Science Foundation of China. (Participant, 6/10)

- 2012-2014 **Sensitivity research on habitat fragmentation of birds and reptiles in Thousand Island Lake.** National Science Foundation of China. (Participant, 5/8)
- 2012-2014 **Body size evolution of island population of *Takydromus septentrionalis* and its responses on life history.** National Science Foundation of China. (Participant, 3/7)
- 2012-2012 **Conservation project of *Leucopsar rothschildi* in Indonesia.** Ministry of Science and Technology of China. (Participant, 14/23)
- 2010-2012 **Biodiversity census in Baishanzu National Nature Reserve (Plants, Mammals and Birds).** Baishanzu National Nature Reserve. (Core Participant)
- 2009-2011 **The effects of habitat fragmentation on life history traits of birds in Thousand Island Lake.** National Science Foundation of China. (Participant)
- 2009-2010 **Wild animal resource census in Wuxijiang Wetland Park, Zhejiang.** Forestry Administration of Qujiang District. (Core Participant)
- 2008-2011 **Resource monitoring technology and demonstration of forest bird species.** Special Topic of National Key Technology R & D Program of China. (First Participant, 3/5)
- 2008 **Wildlife resource census in Hongshuang Nature Reserve, Rui'an.** Forestry Administration of Rui'an City. (Core Participant)
- 2007-2009 **The effects of habitat fragmentation on diversity and community composition of birds in Thousand Island Lake.** National Science Foundation of China. (Participant)

PUBLICATIONS

2. **Si X.**, Kays, R. & Ding P. (2014) How long is enough to detect terrestrial animals? Estimate the minimum trapping effort on camera traps. *PeerJ*, 2: e374.
1. **Si X.** & Ding P. (2011) History, status of monitoring land birds in Europe and American and countermeasures of China. *Biodiversity Science*, 19: 303-310. (in Chinese with English abstract)
 - **Si X.**, Pimm S.L., Russell G.J. & Ding P. Turnover of breeding bird communities on islands of an inundated lake. *under revision*.
 - Shen G., Pimm S.L., Feng C., Ren G., Liu Y., Xu W., Li J., **Si X.**, Su H. & Xie Z. Climate change challenges the static conservation strategy for the giant panda. *under revision*.

PRESENTATIONS

Orals

10. **Si X.** & Ding P. (2014) Turnover of breeding communities on land-bridge islands. *The 3rd Forum of Zhejiang Scholars on Zoology*, Lishui, China.
9. **Si X.** & Ding P. (2014) Species turnover of bird communities on land-bridge islands in Thousand Island Lake, eastern China. *The 6th EAFES International Congress*, Haikou, China
8. **Si X.**, Pimm S.L., Russell G.J. & Ding P. (2013) Determinants of colonization-extinction dynamics of breeding bird communities on land-bridge islands. *The 12th China Ornithological Congress and the 9th Kingfisher Forum of Chinese Young Ornithologists Workshop*, Hangzhou, China
7. **Si X.** (2012) Biodiversity research in the Thousand Island Lake region. *The Pimm Group at Duke University*, Durham, North Carolina, USA
6. **Si X.** (2012) Introduction to camera traps. *Undergraduate Summer Zoology Field Practice*, Thousand Island Lake, China

5. **Si X.** & Ding P. (2011) Minimum trapping effort of monitoring ground-activity animals using camera traps: a case study in Gutianshan National Nature Reserve. *The 7th Kingfisher Forum of Chinese Young Ornithologists Workshop*, Lanzhou, China
4. **Si X.** & Ding P. (2010) Monitoring ground-activity birds using camera trapping in Gutianshan 24-ha plot. *The 9th National Symposium on the Conservation and Sustainable Use of Biodiversity in China*, Xiamen, China
3. **Si X.** & Ding P. (2010) Bird monitoring in Gutianshan 24-ha plot: using spot mapping and infrared cameras. *The 2010 International Forum on Biodiversity Monitoring*, Nanjing, China
2. **Si X.**, Shen G. & Ding P. (2009) Basic results of monitoring of bird community in Gutianshan 24-ha plot. *The 3rd Cross-strait Symposium on Forest Dynamic Plots*, Zhaoqing, China
1. **Si X.** & Ding P. (2009) Bird community structures in Gutianshan dynamic monitoring plot. *The 5th Kingfisher Forum of Chinese Young Ornithologists Workshop*, Harbin, China

Posters

3. **Si X.**, Pimm S.L., Russell G.J. & Ding P. (2014) Turnover of breeding bird communities on land-bridge islands: testing MacArthur & Wilson's theory. *The 26th International Ornithological Congress*, Tokyo, Japan
2. **Si X.** & Ding P. (2012) How long is enough to monitor ground-dwelling animals? A case study of minimum trapping effort in Gutianshan National Nature Reserve, eastern China. *The 1st Student Forum on Sci-Tech Innovation of College of Life Sciences at Zhejiang University*, Hangzhou, China
1. **Si X.** & Ding P. (2012) How long is enough to monitor ground-dwelling animals? A case study of minimum trapping effort in Gutianshan National Nature Reserve, eastern China. *The 13th Student Conference on Conservation Science*, Cambridge, UK

TEACHING EXPERIENCE

- 2012 **Teaching Assistant.** *Undergraduate Summer Zoology Field Practice*, Tianmushan Biosphere Reserve and Thousand Island Lake, Zhejiang Province, China
- 2010 **Teaching Assistant.** *Undergraduate Summer Zoology Field Practice*, Tianmushan Biosphere Reserve, Zhejiang Province, China
- 2009 **Teaching Assistant.** *Undergraduate Summer Zoology Field Practice*, Tianmushan Biosphere Reserve, Zhejiang Province, China

POSTGRADUATE TRAINING

- 2013 **Metapopulation capacity analyses (Mathematica v9).** Gareth Russell (New Jersey Institute of Technology), 2013.01.28-30, Durham, North Carolina, USA
- 2013 **Survival rate analyses and banding training of the sooty tern *Onychoprion fuscatus*.** Stuart Pimm (Duke University), 2013.3.11-14, Dry Tortugas, Florida, USA
- 2010 **Wildness First Aid.** Lloyd Figgins (EarthWatch Institute), 2010.10.07-10, Kaihua, China
- 2009 **Spatial analysis biostatistics.** Pierre Legendre (Université de Montréal), 2009.10.01-05, Beijing, China
- 2009 **Linear regression.** Pierre Legendre (Université de Montréal), 2009.09.10-15, Beijing, China
- 2009 **Mathematical statistics, R programming language and multivariate statistical analyses.** Jiangshan Lai, Jinlong Zhang (Institute of Botany, Chinese Academic of Science), Yanping Chen (Renmin University of China), 2009.09.05-09, Beijing, China

PROFESSIONAL AFFILIATIONS

Member International Biogeography Society, Society for Conservation Biology, China Ornithological Society, Ecological Society of Zhejiang Province, Zhejiang Zoological Society

PARTICIPATION in SCIENTIFIC CONFERENCES (SELECTED)

2014 International Ornithological Congress, Tokyo, Japan
2014 EAFES International Congress, Haikou, China
2013 China Ornithological Congress and the Cross-strait Ornithological Congress, Hangzhou, China
2013 International Congress on Conservation Biology, Baltimore, Maryland, USA
2012 Student Conference on Conservation Science, Cambridge, UK
2011 National Conference on Wildlife Ecology and Resource Conservation, Jinhua, China
2011 China Ornithological Congress, Lanzhou, China
2011 Symposium for Theoretical Ecology and Biodiversity, Guangzhou, China
2010 National Symposium on the Conservation and Sustainable Use of Biodiversity, Xiamen, China
2010 The 2010 International Forum on Biodiversity Monitoring, Nanjing, China
2009 China Ornithological Congress and the Cross-strait Ornithological Congress, Harbin, China
2008 National Symposium on the Conservation and Sustainable Use of Biodiversity, Jinhua, China
2008 Kingfisher Forum of Chinese Young Ornithologists Workshop, Beijing, China

SYNERGISTIC ACTIVITIES

2013 **Local Conference Organizer.** The 9th Kingfisher Forum of Chinese Young Ornithologists Workshop, Hangzhou, China
2011 **Invited Guest.** Chuyang Forum of Zhejiang Normal University, Jinhua, China
2011 **Invited Report.** Yiting High School, Yiwu, China
2008 **Beijing Olympic Torch Escort.** Beijing Olympic Torch Relay Center, Shaoxing, China
2006-2007 **Deputy Director.** The Secretariat of Student Council of Chuyang Honors College of Zhejiang Normal University, Jinhua, China
2004 **Student Representative.** The 2004 Graduation Ceremony of Yiting High School, Yiwu, China

COMPUTER SKILLS

Advanced R, MS Office, Photoshop
Intermediate L^AT_EX, Mathematica, OS X iWork, WordPress

LANGUAGES and OTHERS

Chinese	Native	<i>Fluent</i>
English	Intermediate	<i>Fluent reading, competent in conversation</i>
Field Skill	Good	<i>Wildness First Aid: Level 2</i>
Running	Excellent	<i>Full Marathon: 4h51min</i>