



	姓名:	李明
	学科:	生态学
	电话/传真:	+86-10-64807067 /
	电子邮件:	lim@ioz.ac.cn
	通讯地址:	北京市朝阳区北辰西路1号院5号 中国科学院动物研究所 中国科学院动物生态与保护生物学重点实验室 100101
	更多信息:	灵长类生态学研究组 个人页面 English

简历介绍:

李明, 男, 1966年出生, 汉族, 安徽省宁国市人, 理学博士, 研究员, 博士生导师, 中国农工民主党党员。中国科学院动物研究所灵长类生态学研究组组长。

1988、1991和1996年于安徽大学和华东师范大学分获学士、硕士和博士学位。1999年在中国科学院动物所完成博士后研究工作。1999年至2001年在日本从事谱系生物地理学和保护遗传学的博士后研究, 2002年先后受英国皇家学会和日本学术振兴会资助以高级访问学者身份在英国和日本从事合作研究。主要从事灵长类的进化生物学和保护生物学研究。主要从事濒危灵长类保护生物学领域的相关研究。至今已在*Nat Genet*、*Sci Adv*、*Mol Biol Evol*、*GigaScience*、*Mol Ecol*、*Conserv Biol*、*Biol Conserv*、*Curr Biol*、*Fort Zool*、*Am J Primato*等期刊发表论文150余篇, 其中SCI论文近100篇。目前承担国家基金重点、中德国际合作项目和面上项目, 中国科学院A类和B类先导项目专题和子课题, 科技部“十三五”国家重点研发计划子课题, 国家基金委创新群体项目研究骨干, 国家生态环境部和国家林草局相关项目等。

共培养毕业研究生20余名。目前在读研究生9名, 其中博士研究生6名, 硕士研究生3名, 在站博士后2名。已毕业的研究生目前主要在科学院、高校等从事科研、教学和博士后研究工作。

研究领域:



主要从事灵长类的进化生物学和保护生物学研究。研究兴趣主要集中在我国濒危灵长类的进化生物学、保护基因组学、行为生态学等方面，探讨其进化历史及其适应性进化，阐明濒危机制，并在此基础上提出相应的保护策略。

社会任职：

中国动物学会理事、灵长类学分会副理事长，中国生态学会理事、动物生态专业委员会主任委员，北京动物学会常务理事，中国科学院动物研究所学位委员会委员，中国野生动物保护协会野生动物园专业委员会副主任，兽类学报副主编，*Integrative Zoology*、生物多样性、动物学杂志等编委，国际灵长类学会会员，IUCN灵长类专家组成员。

承担科研项目情况：

- 中国科学院战略性先导科技专项（B类）“大尺度区域生物多样性格局与生命策略”项目子课题：非人灵长类进化格局与适应策略，2018-2023
- 中国生态环境部项目“生态多样性调查与评估”课题：川金丝猴生存现状调查与保护成效评估，2019
- 国家自然科学基金面上项目：气候变化和人类活动对川金丝猴种群遗传格局及地理分布变迁的影响，2019-2022
- 中国科学院战略性先导科技专项（A类）“地球大数据科学工程”项目专题：非人灵长类大数据，2018-2022
- 国家自然科学基金委员会创新群体项目研究骨干：演化保护生物学，2019-2024
- 国家自然科学基金委中德合作项目：石山环境灵长类的物种成因与适应辐射过程探究，2018-2020
- 国家林业局全国第二次陆生野生动物专项调查项目：川金丝猴种群现状、威胁因素及栖息地评估，2017-2018
- 科技部重点研发计划重点专项“典型脆弱生态修复与保护研究”项目“珍稀动物濒危机制及保护技术研究”子课题：金丝猴濒危机制及保护技术研究，2016-2020
- 国家自然科学基金重点项目：猕猴属物种的系统发育和适应进化研究，2016-2020
- 国家自然科学基金面上项目：金丝猴社群结构的复杂性和个体间社会关系的动态变化及维持机制研究，2015-2018
- 科技部“十二五”科技支撑项目“神农架金丝猴种质资源保育关键技术研究”课题“神农架金丝猴遗传多样性保护与管理关键技术研究”的专题：神农架金丝猴进化历史和种群复壮关键技术标准研究，2013-2017
- 国家自然科学基金面上项目：高寒低氧极端环境下金丝猴的适应性进化研究，2013-2016


代表论著：

1. Xiang ZF*, Fan PL, Chen HC, Liu RS, Zhang B, Yang WJ, Yao H, Grueter CC, Garber PA, Li M*. 2019. Routine allomaternal nursing in a free-ranging Old World monkey. *Science Advances*, 5: eaav0499.



2. Zhao XM, Ren BP, Li DY, Garber PA, Zhu PF, Xiang ZF, Grueter CC, Liu ZJ, **Li M***. 2019. Climate change, Grazing and collecting accelerate habitat contraction in an endangered primate. *Biological Conservation*, 231:88-97.
3. Zhao XM, Ren BP, Li DY, Xiang ZF, Garber PA, **Li M***. 2019. Effects of habitat fragmentation and human disturbance on the population dynamics of the Yunnan snub-nosed monkey from 1994 to 2016. *Peer J*, 7:e6633.
4. Zhu PF, Grueter CC, Garber PA, Li DY, Xiang ZF, Ren BP, **Li M***. 2018. Seasonal changes in social cohesion among males in a same-sex primate group. *American Journal of Primatology*, 80:e22914.
5. Liu ZJ, Tan XX, Pablo Orozco-terWengel, Zhou XM, Zhang LY, Tian SL, Yan ZZ, Xu HL, Ren BP, Zhang P, Xiang ZF, Sun BH, Roos C, Bruford M, **Li M***. 2018. Population genomics of wild Chinese rhesus macaques reveals a dynamic demographic history and local adaptation, with implications for biomedical research. *GigaScience*, 7:1-14.
6. Liu BJ, Wu CF, Garber PA, Zhang P, **Li M***. Effects of group size and rank on mother-infant relationships and reproductive success in rhesus macaques (*Macaca mulatta*). *American Journal of Primatology*, 80:e22881.
7. Zhao XM, Ren BP, Garber PA, Li XH, **Li M***. 2018. Impacts of human activities and climate change on the distribution of snub-nosed monkeys in China during the past 2000 Years. *Diversity and Distribution*, 24:92-102.
8. Fan PF*, Liu Y, Zhang ZC, Zhao C, Li C, Liu WL, Liu ZJ, **Li M***. 2017. The Phylogenetic position of the white-cheeked macaque (*Macaca leucogenys*), a newly described species from Modog, Southeastern Tibet. *Molecular Phylogenetic and Evolution*, 107: 80-89.
9. Grueter CC, Qi XG, Li BG, Li M. 2017. Multilevel societies. *Current Biology*, 27, R979-R1001
10. Zhou XM, Meng XH, Wang BS, Chang J, Liu ZJ**Li M***. 2016. Population genomics reveals low genetic diversity and adaptation to hypoxia in snub-nosed monkeys. *Molecular Biology and Evolution*, 33: 2670-2681.
11. Liu ZJ*, Liu GJ, Hailer F, Orozco-Wengel P, Tan XX, Tian JD, Zhang BW, Wang BS, **Li M***. 2016. Dietary specialization drives multiple independent losses and gains in the bitter taste gene repertoire of Laurasiatherian Mammals. *Frontiers in Zoology*, 13:28.
12. Zhu PF, Ren BP, Garber PA, Xia F, Grueter CC, **Li M***. 2016. Aiming low: a resident male's rank predicts takeover success by challenging males in Yunnan snub-nosed monkeys (*Rhinopithecus bieti*). *American Journal of Primatology*, 78:974-982.
13. Fan PF*, Liu Y, Zhang ZC, Zhao C, Li C, Liu WL, **Li M***. 2016. The Phylogenetic position of the white-cheeked macaque (*Macaca leucogenys*), a newly described species from Modog, Southeastern Tibet. *Molecular Phylogenetic and Evolution*, 107: 80-89.



14. Zhou XM, Xu SX, Yang G, **Li M***. 2015. The position of tree shrews in the mammalian tree: Comparing multi-gene analyses with phylogenomic results leaves monophyly of Euarchonta doubtful. *Integrative Zoology*, 10: 186-198.
15. Liu ZJ, Liu GJ, Wang BS, Ren BP, Shi FL, Pan HJ, **Li M***. 2015. Implications of genetics and current protected areas for conservation of 5 endangered primates in China. *Conservation Biology*, 29: 1508-1517
16. Chen YX, Wang XW, Xiao W, Xiao ZS, Li M, Xiang ZF, **Li M***. 2015. Preliminary study by infra-red camera traps of a newly discovered primate species *Rhinopithecus strykeri* at Pianma, Yunnan, China. *International Journal of Primatology*, 36:679-690.
17. Grueter CC, Zhu PF, Allen WL, Higham JP, Ren BP, **Li M***. 2015. Sexual selection of the snub-nosed monkey lip: Redness signals group holding status in the mating season. *Royal Society Open Science*, 2: 150490.
18. Chang ZF, Yang BH, Vigilant L, Liu ZJ, Ren BP, Yang JY, Xiang ZF, Garber P, **Li M***. 2014. Evidence of male-biased dispersal in the endangered Sichuan snub-nosed monkey (*Rhinopithecus roxellana*). *American Journal of Primatology*, 76:72-83.
19. Zhou XM, Wang BS.....**Li M***. 2014. Whole-genome sequencing of the snub-nosed monkey provides insights into folivory and evolutionary history. *Nature Genetics*, 46: 1303-1310.
20. Yang BH, Ren BP, Chang ZF, Yao H, Yang JY, **Li M***. 2014. Major histocompatibility complex and mate choice in a wild polygynous primate: the Sichuan Snub-nosed Monkey (*Rhinopithecus roxellana*). *Integrative Zoology*, 9: 598-612.
21. Liu GJ, Walter L, Shi FL, Pan HJ, Roos C, Liu ZJ, **Li M**. 2014. Personalized adaptive evolution and episodic selection constraints relaxation of umami and sweet taste receptor genes *Tas1rs* in old world primates. *Frontiers in Zoology*, 11: 79
22. Xiang ZF, Yang BH, Yu Y, Yao H, Yang JY, Grueter CC, **Li M***. 2014. Males collectively defend their one-male units against bachelor males in a multi-level primate society. *American Journal of Primatology*, 76: 609-617.
23. Liu ZJ, Wang BS, Nadler T, Liu GJ, Sun T, Huang CM, Zhou QH, Zhou J, Wang ZM, Roos C, **Li M***. 2013. Relatively recent evolution of pelage coloration in Colobinae: Phylogeny and phylogeography of three closely related langur species. *PLoS One*, 8: e61659.
24. Li TF, Ren BP, Li DY, Zhu PF, **Li M***. 2013. Mothering style and infant behavioral development in Yunnan snub-nosed monkeys (*Rhinopithecus bieti*) in China. *International Journal of Primatology*, 34:681-695.
25. Luo MF, Liu ZJ, Pan HJ, Yang JY, **Li M***. 2012. Balancing Selection and Genetic Drift at MHC Genes in Isolated Populations of Golden Snub-nosed Monkey (*Rhinopithecus* 

- roxellana*). ***BMC Evolutionary Biology***, 12:207.
26. Chang ZF, Luo MF, Liu ZJ, Yang JY, Xiang ZF, Li M*, Linda Vigilant. 2012. Human influence on the population decline and loss of genetic diversity in a small and isolated population of Sichuan snub-nosed monkeys (*Rhinopithecus roxellana*). ***Genetica***, 140:105-114.
 27. Xiang ZF, Liang WB, Nie SG, Li M*. 2012. Diet and feeding behavior of *Rhinopithecus brelichi* at Yangaoping, Guizhou. ***American Journal of Primatology***, 74: 551-560.
 28. Luo MF, Liu ZJ, Pan HJ*, Zhao L, Li M*. 2012. Historical geographic dispersal route of golden snub-nosed monkey (*Rhinopithecus roxellana*) and influence of climatic oscillations. ***American Journal of Primatology***, 74:91-101.
 29. Li DY, Ren BP, Grueter CC, Li BG, Li M*. 2010. Nocturnal sleeping habits of the Yunnan snub-nosed monkey at Xiangguqing in Yunnan, China. ***American Journal of Primatology***, 72: 1092-1099.
 30. Xiang ZF, Nie SG, Chang ZF, Wei FW, Li M*. 2010. Sleeping sites of gray snub-nosed monkeys, *Rhinopithecus brelichi*, at Yangaoping, Guizhou. ***International Journal of Primatology***, 31:59-71.
 31. Ren BP, Li DY, Liu ZJ, Li BG, Wei FW, Li M*. 2010. First evidence of prey capture and meat eating by wild Yunnan snub-nosed monkeys *Rhinopithecus bieti* in Yunnan, China. ***Current Zoology***, 56:227-231.
 32. Liu ZJ, Ren BP, Wu RD, Zhao L, Hao YL, Wang BS, Long YC, Wei FW, Li M*. 2009. The effect of landscape features on population genetic structure of Yunnan snub-nosed monkey (*Rhinopithecus bieti*) implies an anthropogenic genetic discontinuity. ***Molecular Ecology***, 18: 3831-3846.
 33. Xiang ZF, Nie SG, Lei XP, Chang ZF, Wei FW, Li M*. 2009. Current status and conservation of the gray snub-nosed monkey *Rhinopithecus brelichi* (Colobinae) in Guizhou, China. ***Biological Conservation***, 142: 469-476
 34. Liu ZJ, Ren BP, Wei FW, Long YC, Hao YL, Li M*. 2007. Phylogeography and population structure of the Yunnan snub-nosed monkey (*Rhinopithecus bieti*) inferred from mitochondrial control region DNA sequence analysis. ***Molecular Ecology***, 16: 3334-3349
 35. Li M, Liu ZJ, Gou JX, Ren BP, Pan RL, Su YJ, Funk SM, Wei, FW. 2007. Population structure and phylogeography of Golden monkey (*Rhinopithecus roxellana*) as inferred from Mitochondrial DNA sequences. ***American Journal of Primatology***, 69: 1195 - 1209.

写给考生的话:



立志于中国灵长类研究与保护事业，具有良好的独立思考和潜在的创新能力和团队合作和敬业精神。



中国科学院
CHINESE ACADEMY OF SCIENCES

版权所有 © 中国科学院动物研究所 备案序号：京ICP备
05064604号

文保网安备案号：1101050062 技术支持：青云软件

