

通知公告

关于2021-2022学年研究生

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谢磊 博士, 北京市人, 现任北京林业大学生态与自然保护学院副教授 博士生导师。

联系方式

邮寄地址: 北京林业大学生态与自然保护学
电话: 010-62338492
E-mail: xielei_sj@126.com; xielei@bjfu.edu.cn

研究兴趣

植物分类学: 毛茛科、柳叶菜科植物分类
植物系统学: 毛茛科、铁线莲属植物系统学研究
生物地理学: 东亚北美间断分布研究
保护生物学: 柳叶铁线莲保护生物学研究, 中国珍稀濒危五针松保护研究

教育背景:

2000.7: 毕业于北京林业大学林学系获学士学位;
2000.7: 中科院植物所系统与进化植物学国家重点实验室攻读硕士学位;
2003.2: 中科院植物所系统与进化植物学国家重点实验室转为博士生;
2005.9: 通过博士学位论文答辩, 2006年2月获博士学位;

工作经历

2007.1-2009.1: 美国史密松学会, 美国国家自然历史博物馆博士后;
2009.1-2010.1: 中科院昆明植物所, 博士后;
2010.1-: 北京林业大学, 讲师; 2012年评为副教授。
2016.9-2017.9: 美国佛罗里达州大学, 访问学者。
2018.1: 获得博士生导师资格

承担及参与的主要科研项目

北京林业大学青年教师中长期项目 (2015-2020; 执行主持)
北京市自然科学基金面上项目《羽叶铁线莲的杂交起源与物种形成研究》, 2018-2020 (主持) 5182016
国家自然科学基金面上项目, 《铁线莲属灌木铁线莲组的演化历史与谱系地理学研究》, 2017-2020, (主持) 31670207
国家自然科学基金面上项目, 《毛茛科铁线莲属分子系统与生物地理学研究》, 2012-2016, (主持) 31170201
国家留学基金委公派普通访问学者项目(美国佛罗里达州大学), 2016, CSC No. 201606515013.
人力资源与社会保障部项目, 《铁线莲属分子系统与生物地理学研究》, 2013-2014, (主持)
中科院植物所系统演化植物学国家重点实验室开放课题, 《泛喜马拉雅地区毛茛属、银莲花属、铁线莲属分类学修订研究》, 2012-2013, (主持)

主要研究成果(共同一作; *通讯作者)

Liu LL[†], He J[†], Lyu RD, Luo YK, Yao M, Xie L*, Cui GF*. 2021. Targeted conservation management of white pines in China: integrating phylogeographic structure, niche modeling, and conservation gap analyses. **Forest Ecology and Management** 492: 119211.

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Liu LL, He J, Xie L*, Cui GF. 2020. Prediction of the suitable area of the Chinese white pines (*Pinus* subsect. *Sirobus*) under climate changes and implications for their conservation. **Forests** 11: 996.

Li MY[†], He J[†], Zhao Z, Lyu RD, Yao M, Cheng J*, Xie L*. 2020. Predictive modelling of the distribution of *Clematis* sect. *Fruicella s. str.* under climate change reveals a range expansion during the Last Glacial Maximum. **PeerJ** 8: e8729.

He J[†], Yao M[†], Lyu RD[†], Lin LL, Liu HJ, Pei LY, Yan SX, Xie L*, Cheng J. 2019. Structural variation of the complete chloroplast genome and plastid phylogenomics of the genus *Asteropyrum* (Ranunculaceae). **Scientific Reports** 9(1): 1-13.

Yao M[†], He J[†], Lyu RD, Zhao LC, Xie L*. 2019. The first complete chloroplast genome sequence of a medicinal goldthread species, *Coptis omeiensis* (Ranunculaceae). **Mitochondrial DNA Part B** 4(1): 1754-1756.

Lyu RD, He J, Liu HJ, Yao M, Cheng J, Xie L*. 2019. Distribution and niche modeling analysis of *Clematis pinnata*. **Journal of Beijing Forestry University** 41(2): 70-79. (In Chinese)

He J[†], Lyu RD[†], Yao M, Xie L*, Yang ZZ*. 2019. *Clematis mae* (Ranunculaceae), a new species of C. sect. *Mecليات* from Xinjiang, China. **PhytoKeys** 117: 133-142.

Xiang QH[†], He J[†], Liu HJ, Lyu RD, Yao M, Guan WB, Xie L*. 2019. The complete chloroplast genome sequences of three *Clematis* species (Ranunculaceae). **Mitochondrial DNA Part B** 4(1): 834-835.

Li MY[†], Zhao Z[†], He J, Cheng J*, Xie L. 2019. The complete chloroplast genome sequences of a highly endangered orchid species *Paphiopedilum barbigersum* (Orchidaceae). **Mitochondrial DNA Part B** 4(2): 2928-2929.

Zhao Z[†], Li MY[†], He J, Cheng J*, Xie L. 2019. Complete chloroplast genome sequences of an important horticultural orchid: *Paphiopedilum hirsutissimum* (Orchidaceae). **Mitochondrial DNA Part B** 4(2): 2950-2951.

Liu HJ[†], He J[†], Ding CH, Lyu RD, Pei LY, Cheng J, Xie L*. 2018. Comparative analysis of complete chloroplast genomes of *Anemone, Pulsatilla*, and *Hepatica* revealing structural variations among genera in tribe Anemoneae (Ranunculaceae). **Frontiers in Plant Science** 9: Article 1097.

Liu HJ[†], Ding CH[†], He J, Cheng J, Pei LY, Xie L*. 2018. Complete chloroplast genomes of *Archiclematis, Naravelia* and *Clematis* (Ranunculaceae), and their phylogenetic implications. **Phytotaxa** 343(3): 214-226.

He J, Liu HJ, Xie L*. 2018. Research advances of *Clematis* sect. *Fruicella* (Ranunculaceae). **Journal of Nanjing Forestry University** 42(1): 156-162. (In Chinese)

Yang Y*, Xie L, Ferguson DK. 2017. Protogynetae: A new gnetoid macrofossil family from the Jurassic of northeastern China. **Perspectives in Plant Ecology, Evolution and Systematics** 28: 67-77.

You J, Lin LL, Xie L, Cui GF*. 2017. Interspecific and intraspecific competitions of *Pinus fenelliana* in Yungling, Hainan province. **Guibaia** 37(6): 776-782. (In Chinese)

Li JY, Liu HJ, Wang ZY, Xie L*. 2016. A new synonymy in *Thalictrum* (Ranunculaceae). **Phytotaxa** 286(1): 25-26.

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Cheng J, Yan SX, Liu HJ, Lin LL, Li JY, Liao S, Li LQ, Xie L*. 2016. Reconsidering the phyllotaxy significance of seedlings in *Clematis*. **Phytotaxa** 265(2): 131-138.

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Li JY, Liao S, Li LQ, Xie L*. 2015. Neotypification and identity of the name *Clematis jinzhaiensis* (Ranunculaceae). **Phytotaxa** 205(4): 292-294.

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